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(54) Title **MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR**

(56) References

Cited:

WO-A1-2009/032116

WO-A1-2009/064848

WO-A1-2014/071247

WO-A1-02/30895

WO-A1-2010/123822

KETTLE J G ET AL: "N-Benzylindole-2-carboxylic acids: potent functional antagonists of the CCR2b chemokine receptor", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, AMSTERDAM, NL, vol. 14, no. 2, 1 January 2004 (2004-01-01), pages 405-408, XP002393948, ISSN: 0960-894X, DOI: 10.1016/J.BMCL.2003.10.049

PASSARELLA D ET AL: "Cyclodimerization of indol-2-ylacetylenes. An example of intermolecular enyne-alkyne cycloaddition", JOURNAL OF THE CHEMICAL SOCIETY, PERKIN TRANSACTIONS 1, ROYAL SOCIETY OF CHEMISTRY, GB, no. 2, 1 January 2001 (2001-01-01), pages 127-129, XP003017354, ISSN: 0300-922X, DOI: 10.1039/B009154P

WINN M ET AL: "2-(ALKYLAMINO)NICOTINIC ACID AND ANALOGS. POTENT ANGIOTENSIN II ANTAGONISTS", JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, vol. 36, no. 18, 1 January 1993 (1993-01-01), pages 2676-2688, XP002281129, ISSN: 0022-2623, DOI: 10.1021/JM00070A012

DATABASE PUBCHEM [Online] 16 July 2005 XP055428486 Retrieved from NCBI Database accession no. CID 2545578

SOLODUCHO ET AL: "Synthesis of Some Pyrido<2,3-c><1,2,6>triazinone derivatives", JOURNAL FÜR PRAKTISCHE CHEMIE - CHEMIKER-ZEITUNG,, vol. 331, no. 3, 1 January 1989 (1989-01-01), pages 503-506, XP009504111, ISSN: 0941-1216

JAIN B C ET AL: "STUDIES IN SULPHANILAMIDES. PART XIII. REACTION WITH DICARBOXYLIC ACIDS. SOME NEW N1- AND N4-ACYL AND HETEROCYCLIC DERIVATIVES", JOURNAL OF THE INDIAN CHEMICAL SOCIETY, INDIAN CHEMICAL SOCIETY, IN, vol. 24, 1 January 1947 (1947-01-01), pages 173-176, XP002037442, ISSN: 0019-4522

DATABASE PUBCHEM [Online] 02 December 2010 XP055428489 Retrieved from NCBI Database accession no. CID 49774135

HOPKINS C R ET AL: "Design and synthesis of novel N-sulfonyl-2-indole carboxamides as potent PPAR-gamma binding agents with potential application to the treatment of osteoporosis", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, AMSTERDAM, NL, vol. 16, no. 21, 1 November 2006 (2006-11-01), pages 5659-5663, XP027966155, ISSN: 0960-894X [retrieved on 2006-11-01]

MATTER H ET AL: "Design and Quantitative Structure-Activity Relationship of 3-Amidinobenzyl-1H-indole-2-carboxamides as Potent, Nonchiral, and Selective Inhibitors of Blood Coagulation Factor Xa", JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, vol.

45, no. 13, 1 January 2002 (2002-01-01), pages 2749-2769, XP002256632, ISSN: 0022-2623, DOI: 10.1021/JM0111346

DATABASE PUBCHEM [Online] 19 November 2009 XP055428484 Retrieved from NCBI

Database accession no. CID 44419393

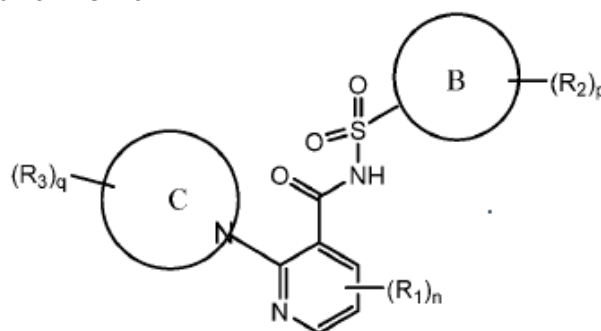
ANILKUMAR GOPINADHAN N ET AL: "II. Novel HCV NS5B polymerase inhibitors: Discovery of indole C2 acyl sulfonamides", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, AMSTERDAM, NL, vol. 22, no. 1, 20 October 2011 (2011-10-20), pages 713-717, XP029121479, ISSN: 0960-894X, DOI: 10.1016/J.BMCL.2011.10.041

DATABASE PUBCHEM [Online] 19 August 2012 XP055428480 Retrieved from NCBI Database accession no. CID 58132855

Enclosed is a translation of the patent claims in Norwegian. Please note that as per the Norwegian Patents Acts, section 66i the patent will receive protection in Norway only as far as there is agreement between the translation and the language of the application/patent granted at the EPO. In matters concerning the validity of the patent, language of the application/patent granted at the EPO will be used as the basis for the decision. The patent documents published by the EPO are available through Espacenet (<http://worldwide.espacenet.com>) or via the search engine on our website here: <https://search.patentstyret.no/>

Patentkrav

1. Forbindelse med formel Ib-iii:

**Ib-iii**

5 eller et farmasøytisk akseptabelt salt derav, hvor:

Ring B er en C6-C10 arylring eller C3-C10 heteroaryl- eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR;

10 Ring C er en C3-C14 heteroaryl- eller heterocyklisk ring hvor, hvor som helst fra 1 til 4 ringatomer uavhengig er N, O eller S, og hvor ett nitrogen på Ring C er festepunktet til pyridinringen; og hvor, uavhengig for hver forekomst:

15 R_1 er halogen; CN; F_5S ; SiR_3 ; OH; NRR; C1-C6-alkyl eller fluoralkyl; C1-C6-alkoksy eller fluoralkoksy; C1-C6-alkenyl; C1-C6-alkynyl; (C1-C9-alkylen)- R_4 hvor opptil fire CH_2 -enheter uavhengig er erstattet med O, CO, S, SO, SO_2 eller NR; C6-C10 aryl; C3-C10 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; eller C3-C10 cykloalkyl;

20 R_2 er halogen; OH; NRR; azid; CN; CO_2R ; C1-C6-alkyl eller fluoralkyl; C1-C6-alkoksy eller fluoralkoksy; C1-C6-alkenyl; C1-C6-alkynyl; C6-C10 aryl; C3-C13 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)- R_4 hvor opptil fire CH_2 -enheter uavhengig er erstattet med O, CO, S, SO, SO_2 eller NR;

25 eller to R_2 -grupper samlet kan danne en $=CH_2$ eller $=O$ -gruppe;

30 R_3 er halogen; CN; CO_2R ; C1-C6-alkyl eller fluoralkyl; C1-C6-alkenyl; C1-C6-alkynyl; C1-C6-alkoksy eller fluoralkoksy; eller C6-C10 aryl; C3-C10 heteroaryl- eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)- R_4 hvor opptil fire CH_2 -enheter uavhengig er erstattet med O, CO, S, SO, SO_2 eller NR;

eller to R₃-grupper samlet kan danne en =CH₂ eller =O gruppe;

R₄ er H; azid; CF₃; CHF₂; OR; CCH; CO₂R; OH; C₆-C₁₀ aryl, C₃-C₁₀ heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C₃-C₁₀ cykloalkyl; NRR, NRCOR, CONRR, CN, halo eller SO₂R;

R er uavhengig H; OH; CO₂H; CO₂C₁-C₆ alkyl; C₁-C₆ alkyl; C₁-C₆ alkenyl; C₁-C₆ alkynyl; C₆-C₁₀ aryl; C₃-C₁₀ heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; eller C₃-C₁₀ cykloalkyl;

n er 0, 1, 2 eller 3;

p er 0, 1, 2 eller 3; og

q er 0, 1, 2, 3, 4 eller 5;

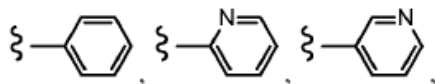
hvor hver av de spesifikke gruppene for variablene R₁-R₄ eventuelt kan være substituert med en eller flere grupper valgt fra halogen, fosfo, OH, cykloalkyl, heterocykloalkyl, aryl, heteroaryl, fluoroalkyl, alkyl, alkenyl, alkynyl, nitro, CN, hydroxyl og (C₁-C₉alkylen)-E hvor opptil 4 CH₂ enheter uavhengig er erstattet med O, S, SO₂, SO, CO, NH, *N*-alkyl, *N*-alkenyl eller *N*-alkynyl, og E er H, aryl, cycloalkyl, heterocycloalkyl, heteroaryl, alkoksy, CN eller CF₃, videre hvor hver av aryl, cycloalkyl, heterocycloalkyl og heteroaryl eventuelt er substituert med en eller flere grupper valgt fra halogen, alkyl, amino, CN, alkenyl, alkynyl og alkoksy; og

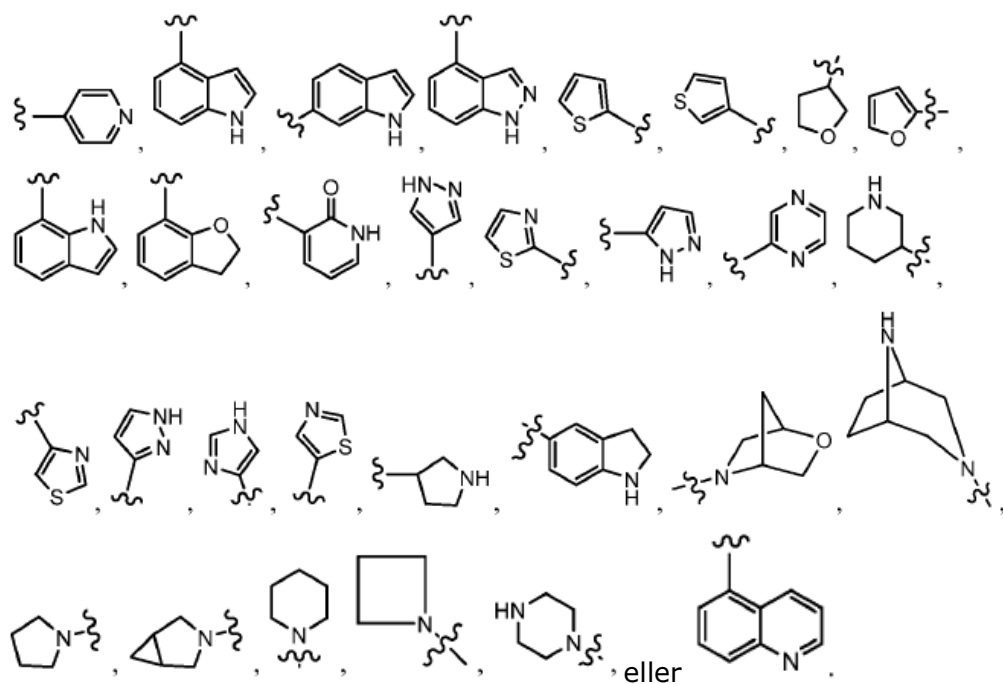
når to alkoksygrupper er bundet til det samme atom eller tilstøtende atomer, kan de to alkoksygruppene danne en ring sammen med atomet/atomene de er bundet til; og

hvor uttrykket "amino" refererer til NH₂ som eventuelt er substituert med en eller to grupper uavhengig valgt fra alkyl, cykloalkyl og heterocykloalkyl.

2. Forbindelse eller salt ifølge krav 1, hvor ring B er:

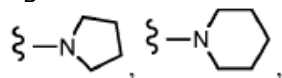
(a) fenyl, pyridyl, pyridin-2(1*H*)-on, pyrazol, indol, aza-indol, tiofen, dihydrobenzofuran eller kinolin; eller (b) valgt fra



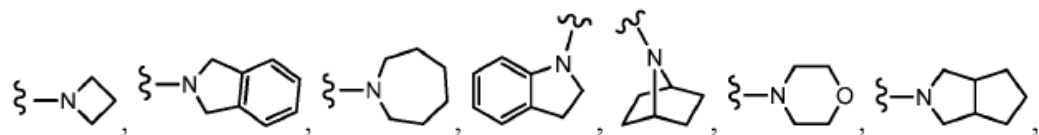


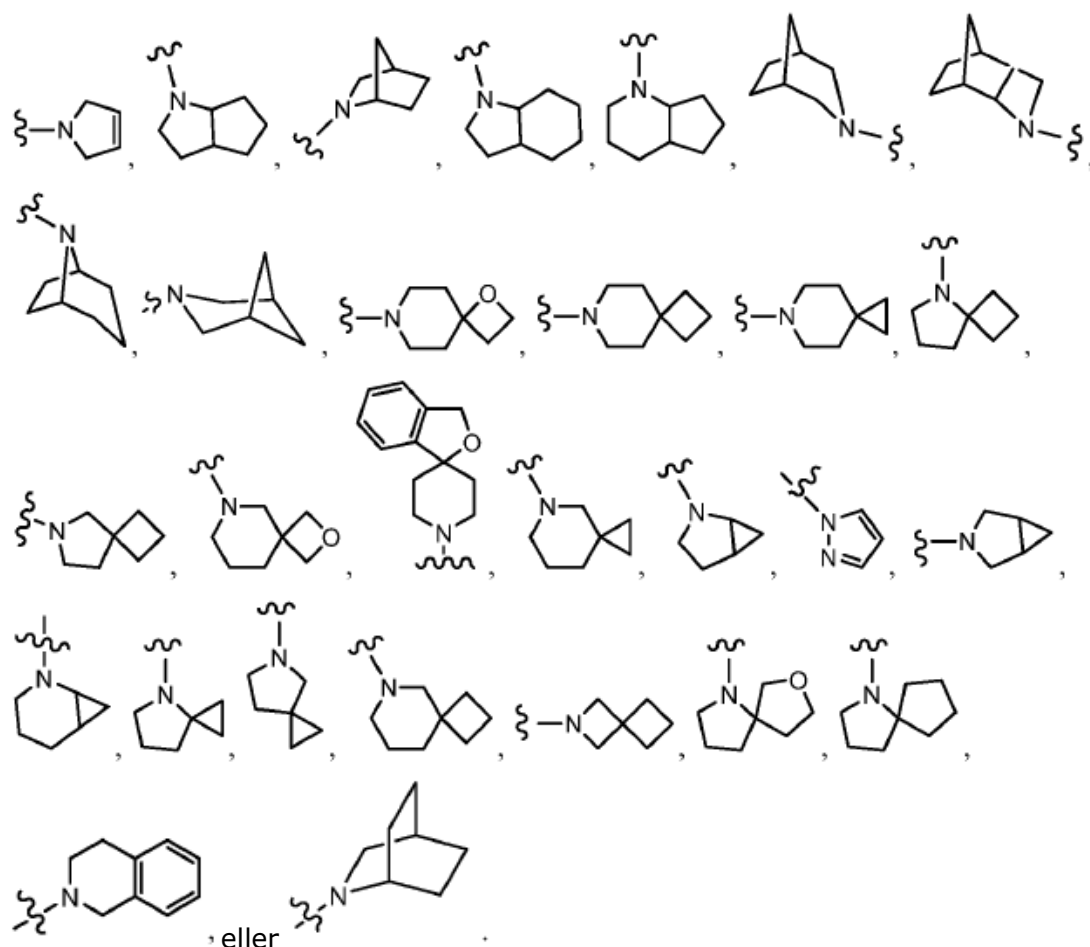
3. Forbindelse eller salt ifølge krav 1 eller krav 2, hvor ring C er valgt fra indol,
 5 piperidin, azepan, azetadin, indolin, isoindolin eller pyrrolidin.

4. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 3,

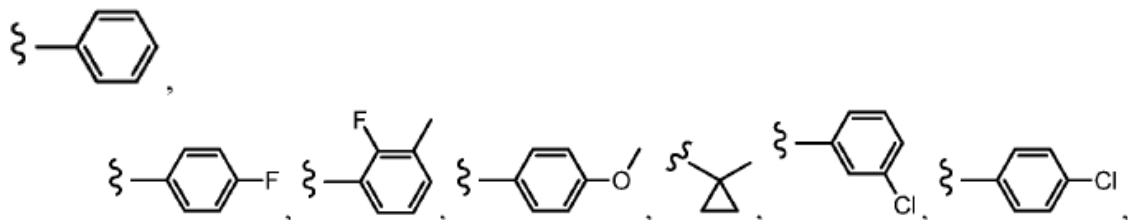


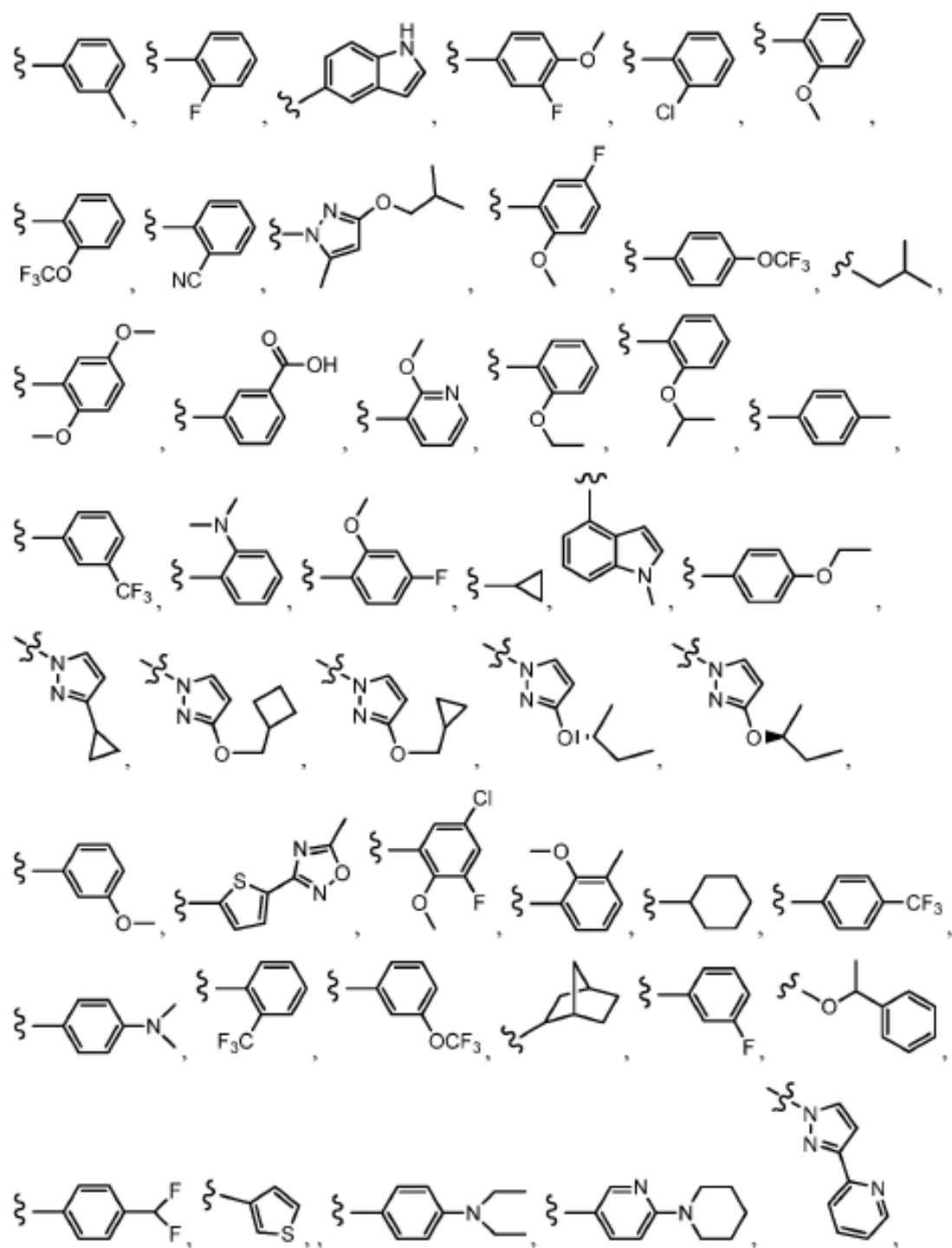
karakterisert ved at ring C er

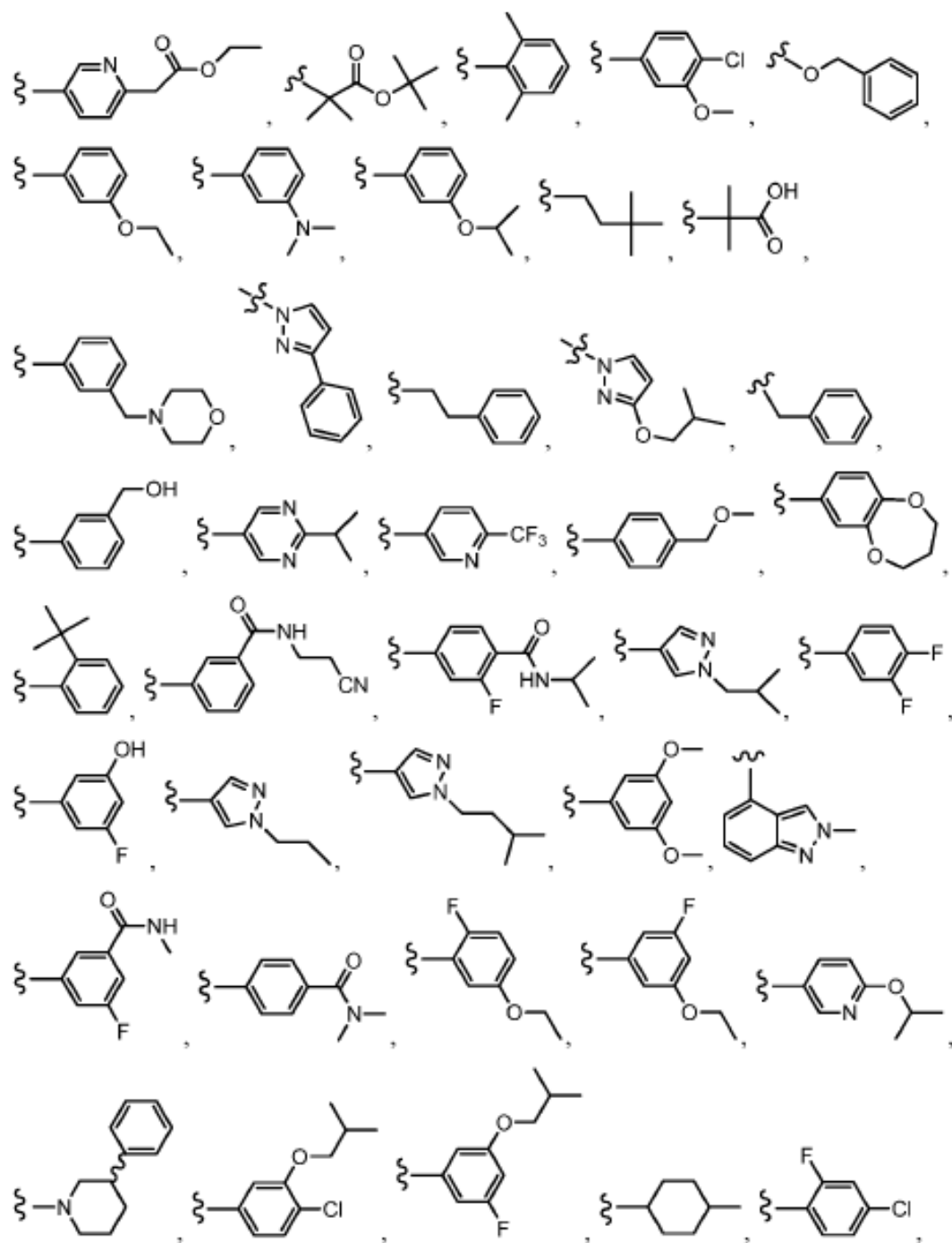


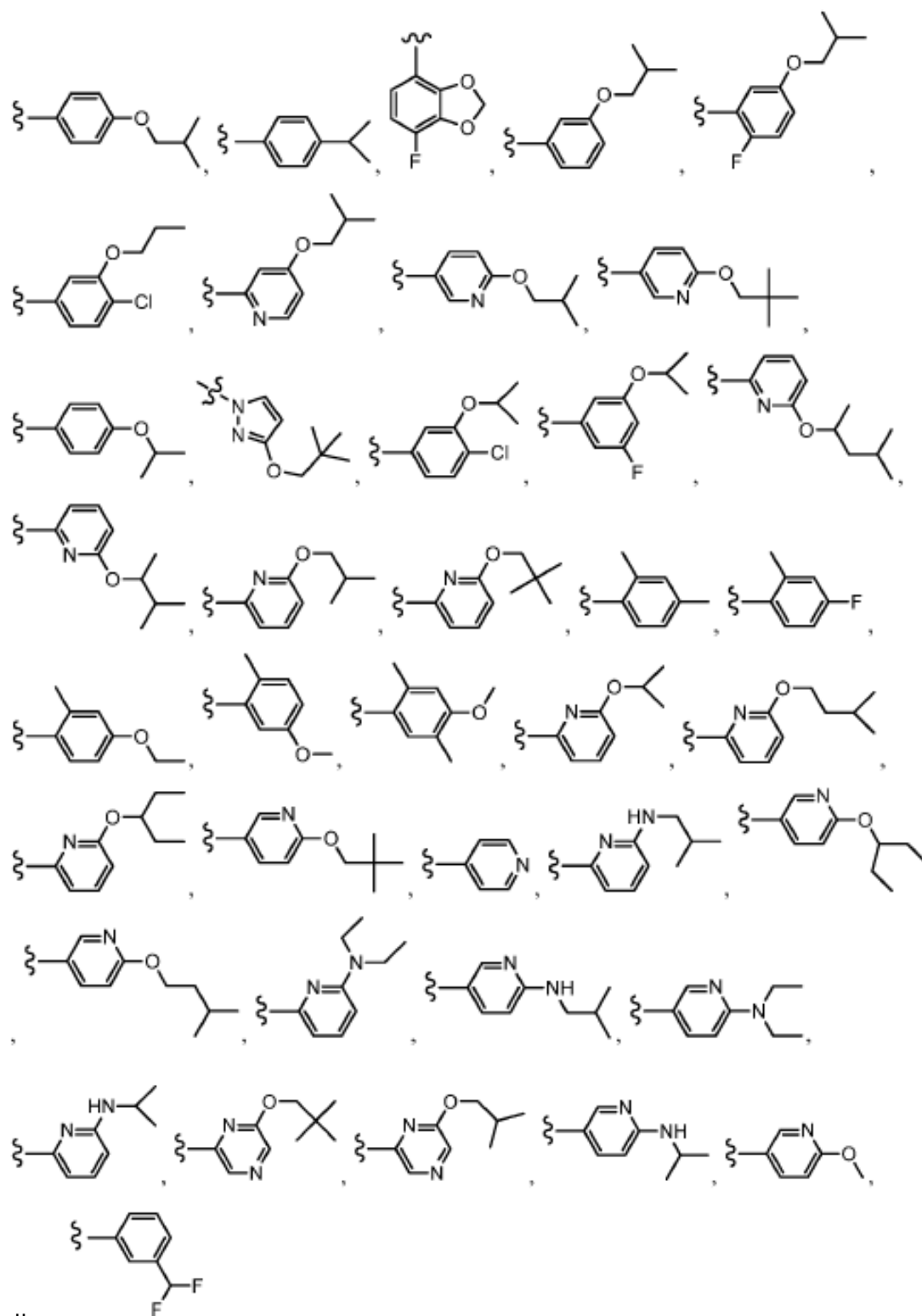


5. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 4, hvor R₁ er: (a) halogen, CN, C1-C6-alkyl, C1-C6-alkoksy, C3-C8-cycloalkyl, eller en fenyl, pyridyl, pyrimidin, indol, aza-indol, pyrazol eller tiofen ring, eller en (C1-C9 alkylen)-R₄ hvor opptil fire CH₂-enheter uavhengig er erstattet med O, CO, S, SO, SO₂ eller NR, hvor alle ringer kan være substituert med halogen, C1-C6-alkyl, C1-C6-alkoksy, C1-C6-fluoralkyl, C1-C6-fluoralkoksy, OH, CH₂OH, CH₂OCH₃, CN, CO₂H, amino, amido, C3-C10 heteroaryl eller C3-C10 heterocykloalkyl; eller (b) R₁ er valgt fra CH₃, Cl, F, CN, OCH₃, CF₃, CH₂CH₃, tBu, CH(CH₃)₂, OCH₂CH₂OCH₂CH₃,





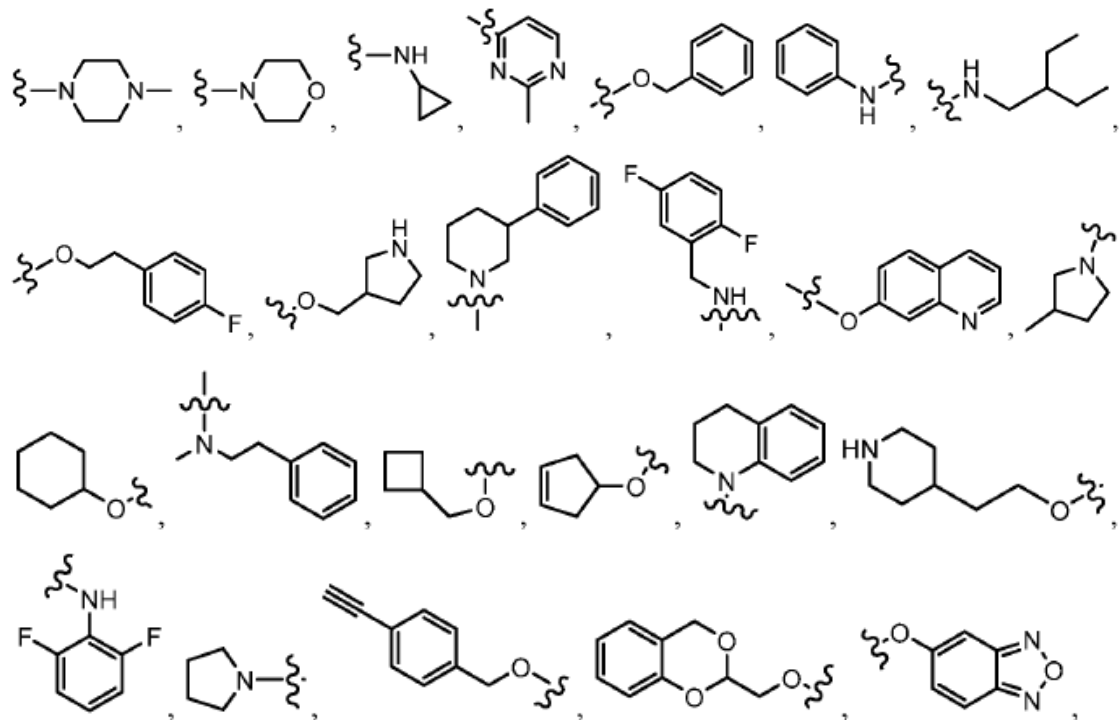




eller

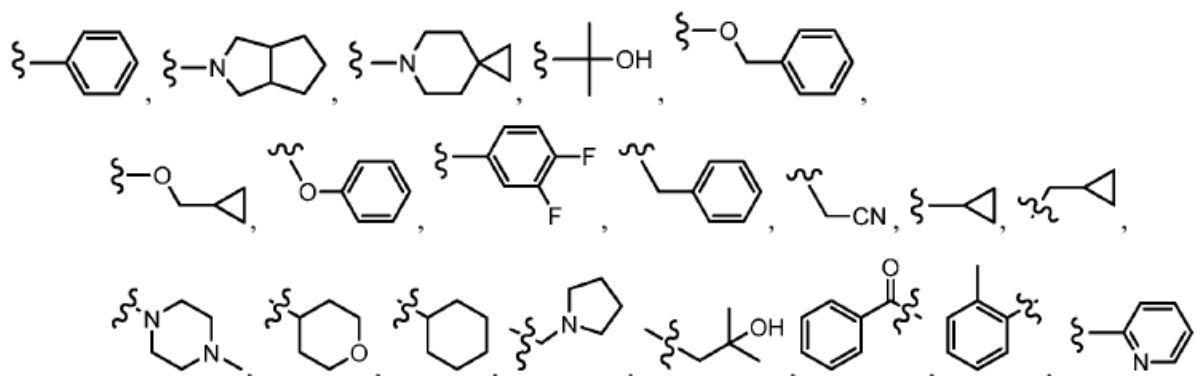
- 5 6. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 5, hvor R₂ er: (a) valgt fra halogen, OH, CN, azid, amino, C1-C6-alkyl eller fluoroalkyl, C1-C6-alkoksy eller fluoroalkoksy, C3-C10-heterocyklisk ring hvor opptil 4 ringatomer kan erstattes med O, S, N eller NR; eller en (C1-C9-alkylen)-R₄ hvor opptil fire CH₂-enheter uavhengig er erstattet med O, CO, S, SO, SO₂ eller NR; eller (b) valgt fra

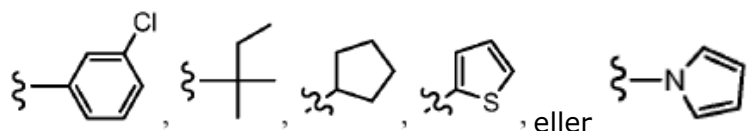
Cl, F, OH, CN, N₃, NH₂, NH(CH₃), N(CH₃)₂, N(CH₃)CH₂CH₂CH₃,
N(CH₃)CH₂CH₂CH₂CH₃, CH₃, CH₂OH, CH₂CH₃, CH₂CH₂CH₃, =O, CH₃SO₂, CH₃SO₂NH,
CF₃CONH, CH₃CONH, CH₃CON(CH₃), tBuOCONH, (CH₃)₂CHOCONH, CH(CH₃)₂, CHF₂,
OCH₃, OCH₂CH₃, OCH₂CH₂CH₃, OCH₂CH₂CH(CH₃)₂, OCF₃, OCHF₂, OC(CH₃)₃,
5 OCH₂CH₂tBu, NHCH(CH₃)(CH₂CH₂CH₃), OCH(CH₃)₂, NH(CH₂)₂O(CH₂)₂CH₃, C(O)CH₃,
CH₂CH₂OH, CH₂NH₂, NH(CH₂)₂OH, N(CH₃)CH₂CH₂CH₂OCH₃, NHCH₂CH₂COOH,
NH(CH₂)₂N(CH₃)₂, NH(CH₂)₂NH₂, NH(CH₂)₃NH₂, NH(CH₂)₂OCH₃, NHCH(CH₃)₂,



10 eller CO_2H .

7. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 6, hvor R₃ er: (a) valgt fra halogen, CN, C1-C6-alkyl eller fluoroalkyl, C1-C6-alkoksy eller C3-C10 heteroaryl hvor opptil 4 ringatomer kan erstattes av O, S, N eller NR; eller (b) valgt fra Cl, I, deuterium, F, CN, CH₃, OH, OCH₃, CF₃, CH₂CH₃, CH₂CF₃, CH₂CH₂CH₃, OCH₂CH(CH₃)₂, OCH(CH₃)₂, CO₂H, CO₂NH₂, OCH₂CH₃, CH₂OCH₃, CH(CH₃)₂, CCH, CH₂CONH₂, CO₂CH₃, -CH₂N(CH₃)₂, CO₂tBu, tBu, =CH₂, =O,





8. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 7, hvor n er:

- (a) 0; eller
 5 (b) 1; eller
 (c) 2.

9. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 8, hvor p er:

- (a) 0; eller
 10 (b) 1; eller
 (c) 2.

10. Forbindelse eller salt ifølge krav 1, hvor R_1 er fenyl, pyridin eller pyrazol, og n er 1.

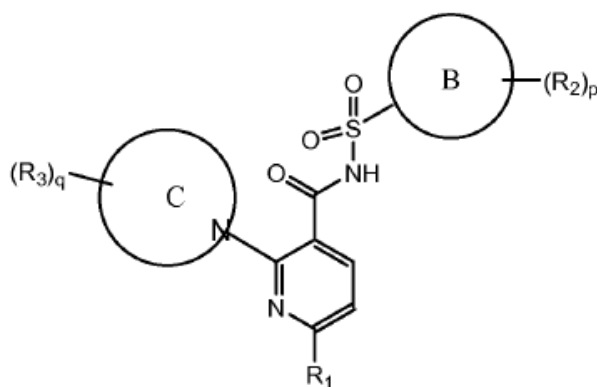
15

11. Forbindelse eller salt ifølge krav 1, hvor R_1 er fenyl, pyridin eller pyrazol, n er 1, R_2 er amino eller alkyl, og p er 0 eller 1.

12. Forbindelse eller salt ifølge krav 1, hvor R_1 er fenyl, pyridin eller pyrazol, n er 1, R_3 er alkyl, og q er 1, 2, 3 eller 4.

20

13. Forbindelse ifølge krav 1, hvor forbindelsen er en forbindelse med formel Ib-iv:



25

Ib-iv

eller et farmasøytisk akseptabelt salt derav, hvor uavhengig av hver forekomst:

Ring B er en C6-C10 arylring eller C3-C10 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR;

Ring C er en C3-C14 heteroaryl- eller heterocyklisk ring hvor, hvor som helst fra 1 til 4 ringatomer uavhengig er N, O eller S, og hvor ett nitrogen på Ring C er festepunktet til pyridinringen;

5 R_1 er C6-C10 aryl eller C3-C10 heteroaryl hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR;

R_2 er halogen; OH; NRR; azid; CN; CO₂R; C1-C6-alkyl eller fluoralkyl; C1-C6-alkoksy eller fluoralkoksy; C1-C6-alkenyl; C1-C6-alkynyl; C6-C10 aryl; C3-C13 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)-R₄ hvor
10 opptil fire CH₂-enheter uavhengig er erstattet med O, CO, S, SO, SO₂ eller NR;

eller to R₂-grupper samlet kan danne en =CH₂ eller =O-gruppe;

R_3 er halogen; CN; CO₂R; C1-C6-alkyl eller fluoralkyl; C1-C6-alkenyl; C1-C6-alkynyl; C1-C6-alkoksy eller fluoralkoksy; eller C6-C10 aryl; C3-C10 heteroaryl- eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O,
15 S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)-R₄ hvor opptil fire CH₂-enheter uavhengig er erstattet med O, CO, S, SO, SO₂ eller NR;

eller to R₃-grupper samlet kan danne en =CH₂ eller =O gruppe;

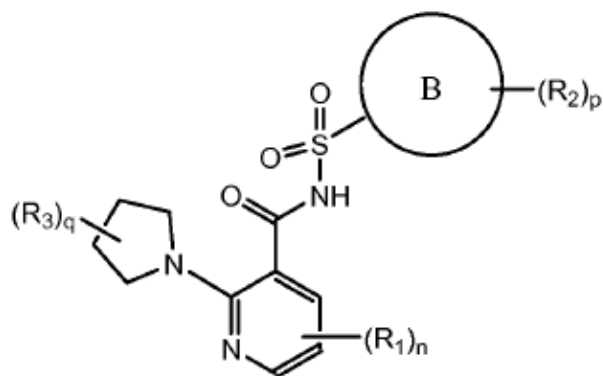
R_4 er H; azid; CF₃; CHF₂; OR; CCH; CO₂R; OH; C6-C10 aryl, C3-C10 heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer
20 uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; NRR, NRCOR, CONRR, CN, halo eller SO₂R;

R er uavhengig H; OH; CO₂H; CO₂C1-C6 alkyl; C1-C6 alkyl; C1-C6 alkenyl; C1-C6 alkynyl; C6-C10 aryl; C3-C10 heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; eller C3-C10
25 cykloalkyl;

p er 0, 1, 2 eller 3; og

q er 0, 1, 2, 3, 4 eller 5.

14. Forbindelse ifølge krav 1, hvor forbindelsen er en forbindelse med formel Ib-
30 v:

**Ib-v**

eller et farmasøytisk akseptabelt salt derav, hvor uavhengig av hver forekomst:

- 5 Ring B er en C6-C10 arylring eller C3-C10 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR;

R_1 er halogen; CN; F_5S ; SiR_3 ; OH; NRR; C1-C6-alkyl eller fluoralkyl; C1-C6-alkoksy eller fluoralkoksy; C1-C6-alkenyl; C1-C6-alkynyl; (C1-C9-alkylen)- R_4 hvor opptil fire CH_2 -enheter uavhengig er erstattet med O, CO, S, SO, SO_2 eller NR; C6-
10 C10 aryl; C3-C10 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; eller C3-C10 cykloalkyl;

R_2 er halogen; OH; NRR; azid; CN; CO_2R ; C1-C6-alkyl eller fluoralkyl; C1-C6-alkoksy eller fluoralkoksy; C1-C6-alkenyl; C1-C6-alkynyl; C6-C10 aryl; C3-C13 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer
15 uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)- R_4 hvor opptil fire CH_2 -enheter uavhengig er erstattet med O, CO, S, SO, SO_2 eller NR;

eller to R_2 -grupper samlet kan danne en $=CH_2$ eller $=O$ gruppe;

R_3 er halogen; CN; CO_2R ; C1-C6-alkyl eller fluoralkyl; C1-C6-alkenyl; C1-C6-alkynyl; C1-C6-alkoksy eller fluoralkoksy; eller C6-C10 aryl; C3-C10 heteroaryl-
20 eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)- R_4 hvor opptil fire CH_2 -enheter uavhengig er erstattet med O, CO, S, SO, SO_2 eller NR;

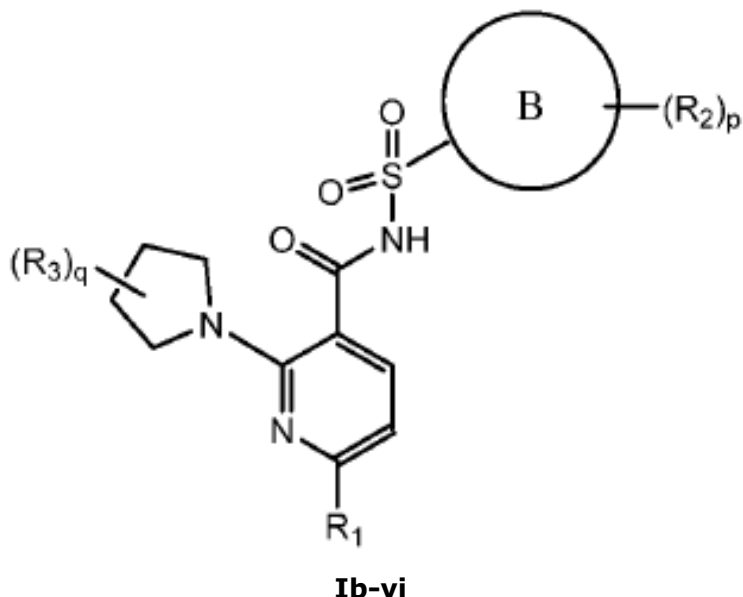
eller to R_3 -grupper samlet kan danne en $=CH_2$ eller $=O$ gruppe;

R_4 er H; azid; CF_3 ; CHF_2 ; OR; CCH; CO_2R ; OH; C6-C10 aryl, C3-C10 heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer
25 uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; NRR, NRCOR, CONRR, CN, halo eller SO_2R ;

R er uavhengig H; OH; CO_2H ; CO_2C1-C6 alkyl; C1-C6 alkyl; C1-C6 alkenyl; C1-C6 alkynyl; C6-C10 aryl; C3-C10 heteroaryl eller heterocykloalkyl hvor hvor
30 som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; eller C3-C10 cykloalkyl;

n er 0, 1, 2 eller 3;
 p er 0, 1, 2 eller 3; og
 q er 0, 1, 2, 3, 4 eller 5.

- 5 15. Forbindelse ifølge krav 1, hvor forbindelsen er en forbindelse med formel Ib-vi:



- 10 eller et farmasøytisk akseptabelt salt derav, hvor uavhengig av hver forekomst:

Ring B er en C6-C10 arylring eller C3-C10 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR;

- 15 R_1 er C6-C10 aryl eller C3-C10 heteroaryl hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR;

- R_2 er halogen; OH; NRR; azid; CN; CO₂R; C1-C6-alkyl eller fluoralkyl; C1-C6-alkoksy eller fluoralkoksy; C1-C6-alkenyl; C1-C6-alkynyl; C6-C10 aryl; C3-C13 heteroaryl eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)-R₄ hvor opptil fire CH₂-enheter uavhengig er erstattet med O, CO, S, SO, SO₂ eller NR; eller to R₂-grupper samlet kan danne en =CH₂ eller =O-gruppe;

- 20 R_3 er halogen; CN; CO₂R; C1-C6-alkyl eller fluoralkyl; C1-C6-alkenyl; C1-C6-alkynyl; C1-C6-alkoksy eller fluoralkoksy; eller C6-C10 aryl; C3-C10 heteroaryl- eller heterocyklisk ring hvor hvor som helst fra 1 til 4 ringatomer uavhengig er O, S, N eller NR; C3-C10 cykloalkyl; eller en (C1-C9-alkylen)-R₄ hvor opptil fire CH₂-enheter uavhengig er erstattet med O, CO, S, SO, SO₂ eller NR; eller to R₃-grupper samlet kan danne en =CH₂ eller =O gruppe;

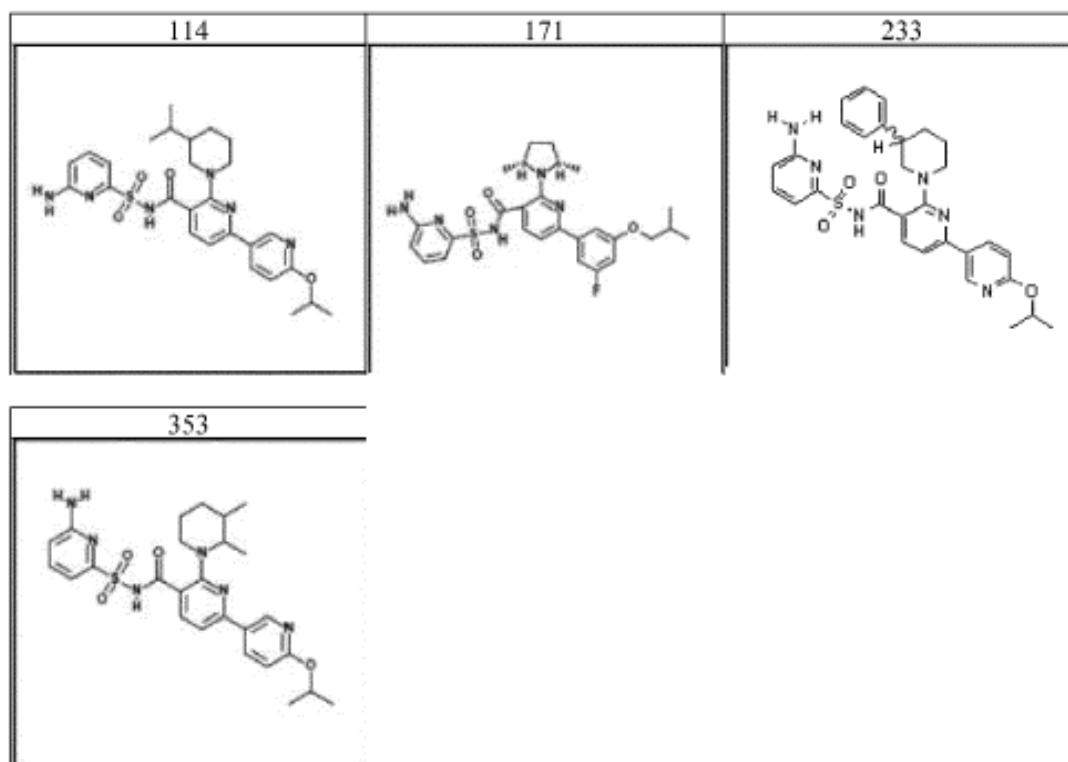
R₄ er H; azid; CF₃; CHF₂; OR; CCH; CO₂R; OH; C₆-C₁₀ aryl, C₃-C₁₀ heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer uafhængig er O, S, N eller NR; C₃-C₁₀ cykloalkyl; NRR, NRCOR, CONRR, CN, halo eller SO₂R;

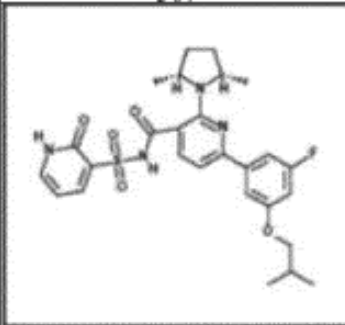
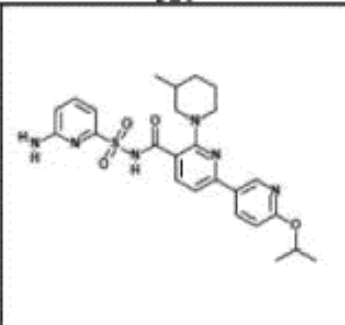
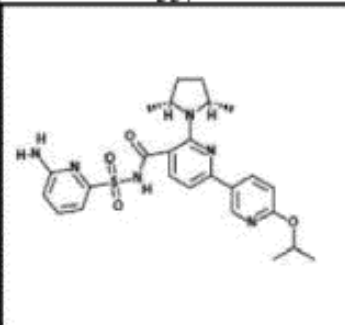
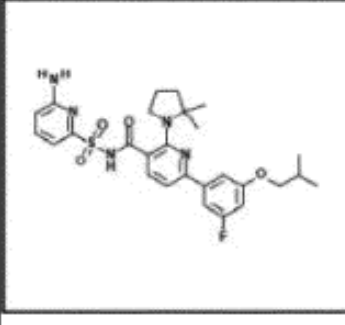
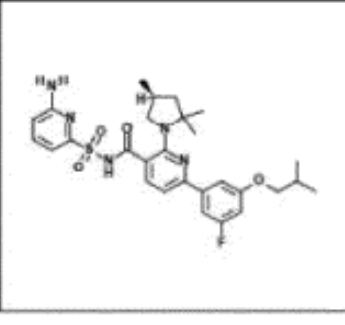
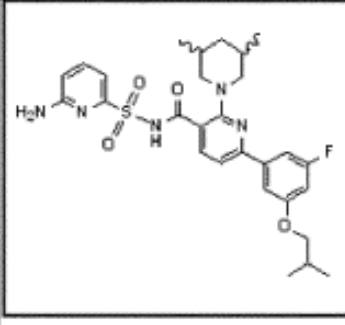
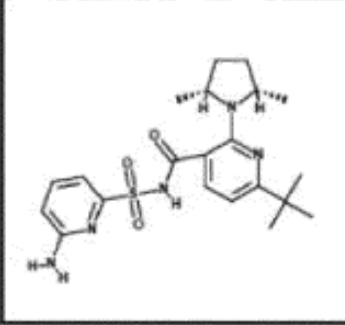
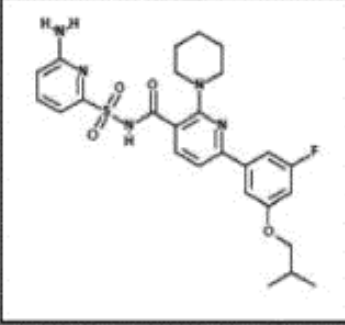
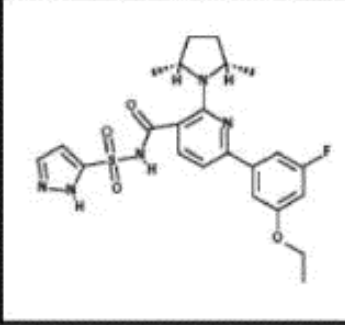
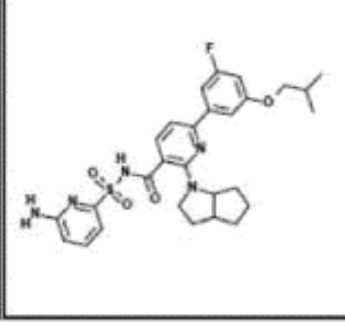
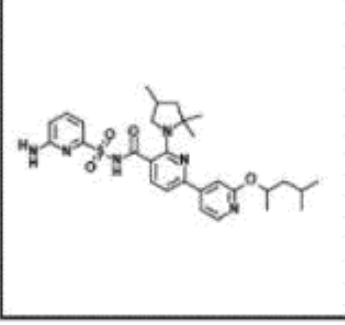
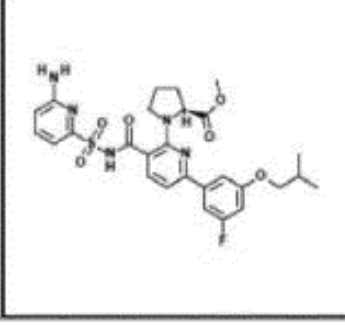
5 R er uafhængig H; OH; CO₂H; CO₂C₁-C₆ alkyl; C₁-C₆ alkyl; C₁-C₆ alkenyl; C₁-C₆ alkynyl; C₆-C₁₀ aryl; C₃-C₁₀ heteroaryl eller heterocykloalkyl hvor hvor som helst fra 1 til 4 ringatomer uafhængig er O, S, N eller NR; eller C₃-C₁₀ cykloalkyl;

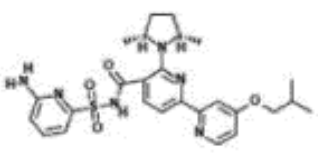
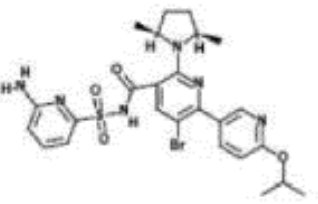
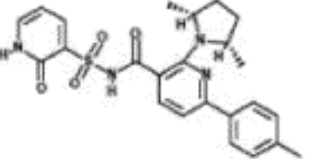
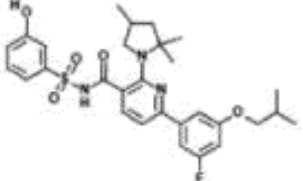
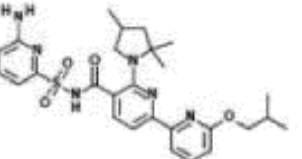
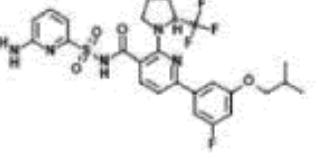
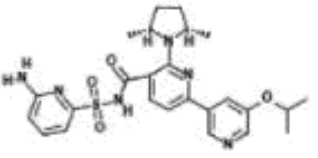
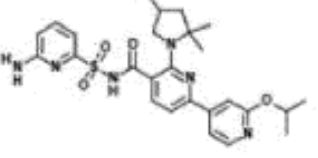
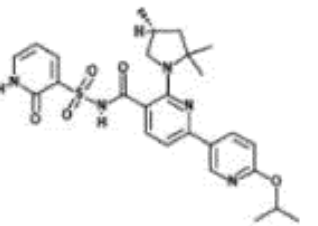
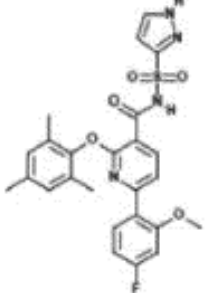
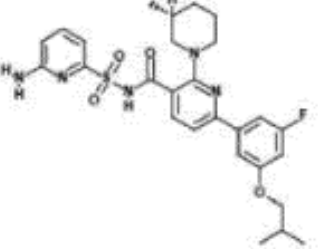
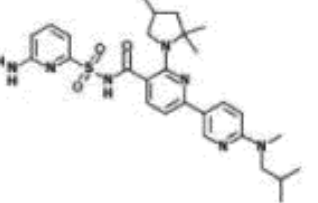
p er 0, 1, 2 eller 3; og

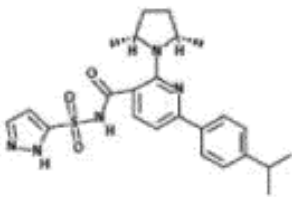
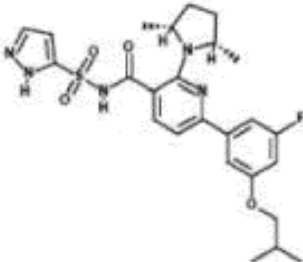
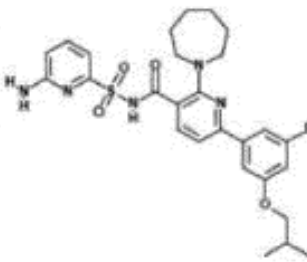
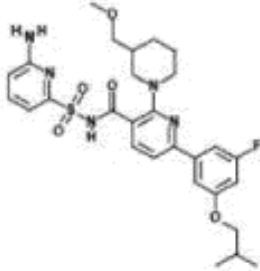
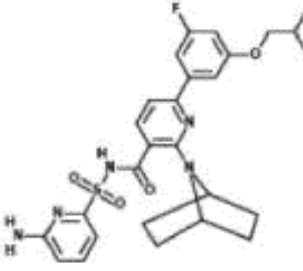
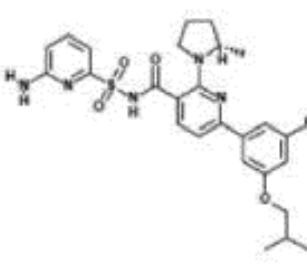
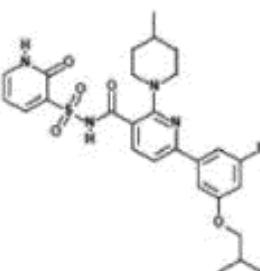
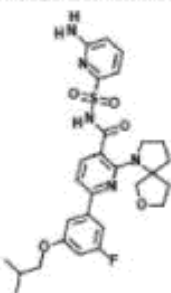
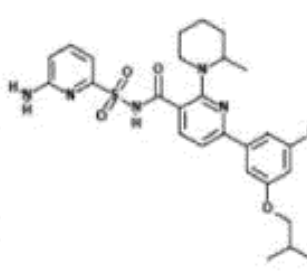
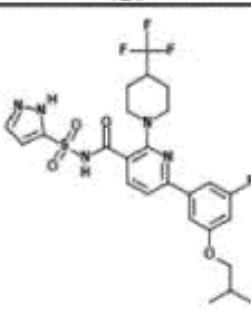
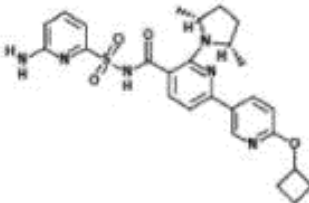
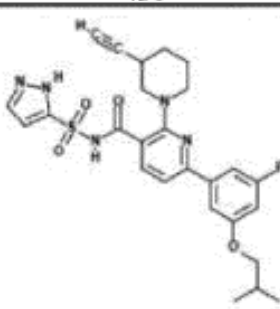
10 q er 0, 1, 2, 3, 4 eller 5.

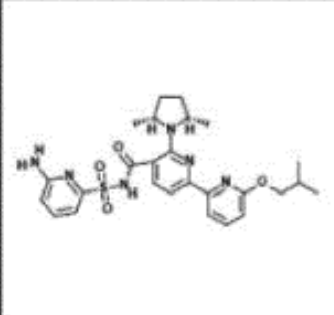
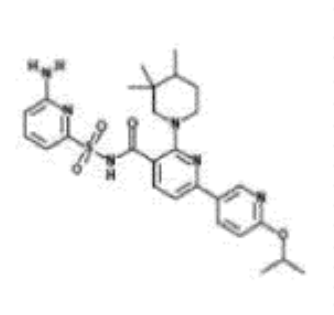
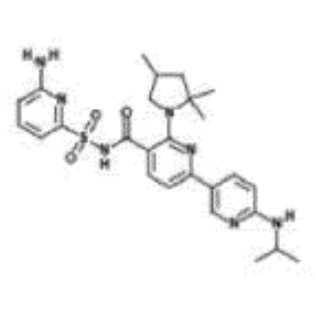
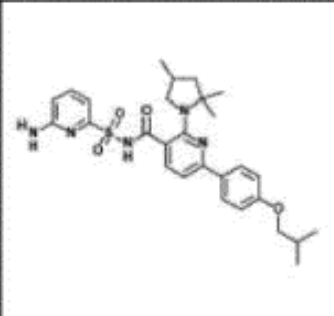
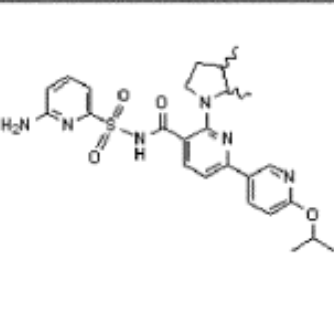
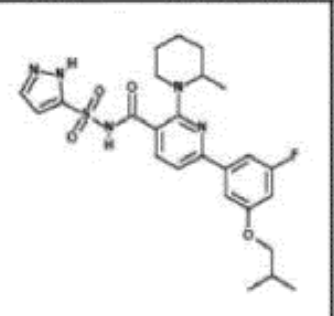
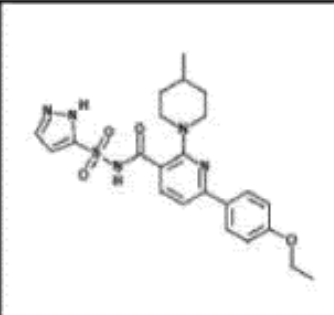
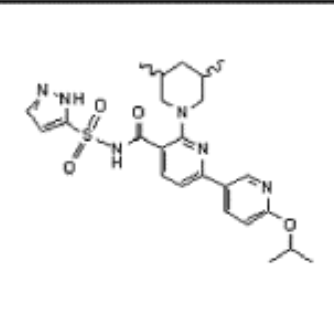
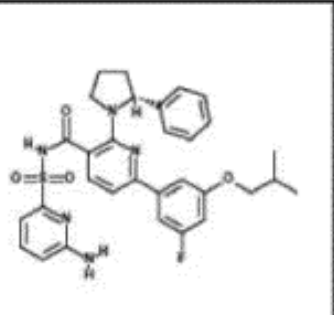
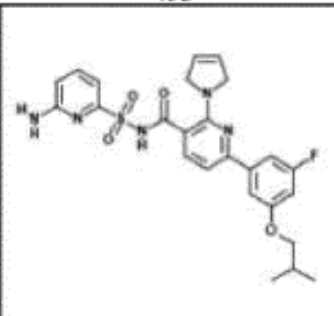
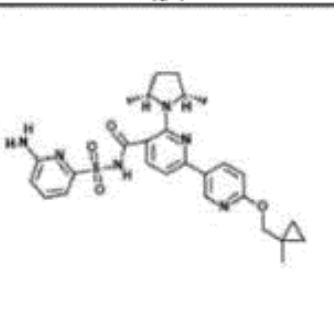
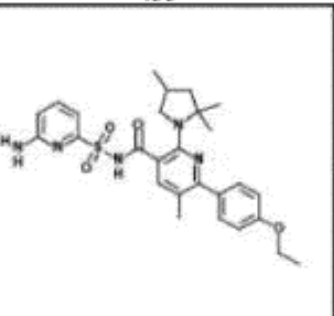
16. Forbindelse ifølge krav 1, eller et farmasøytisk akseptabelt salt derav, hvor forbindelsen er valgt fra:

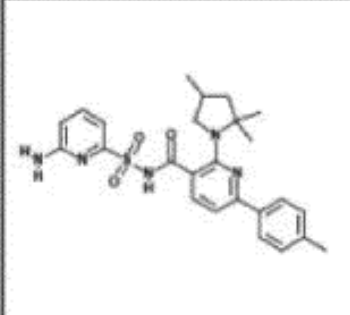
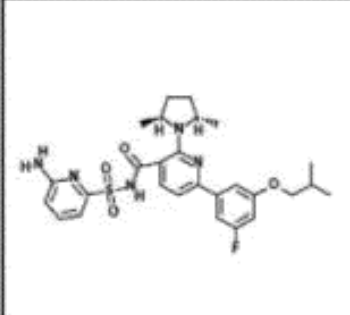
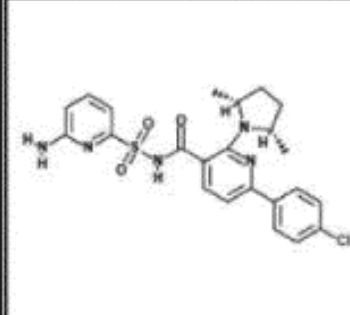
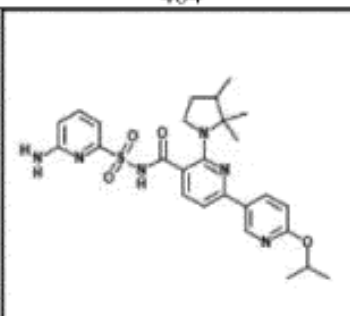
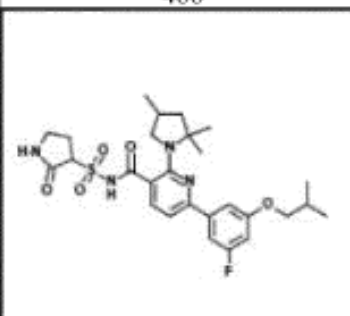
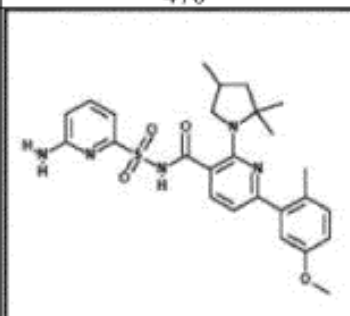
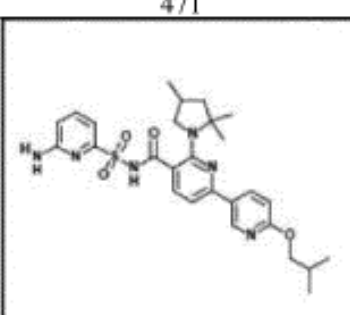
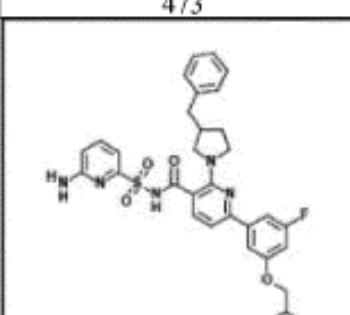
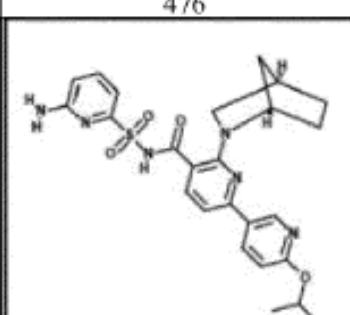
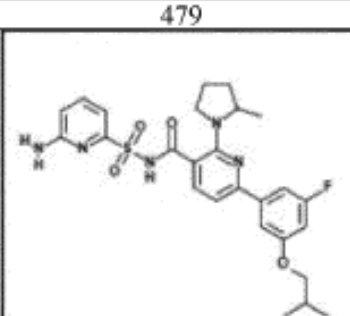
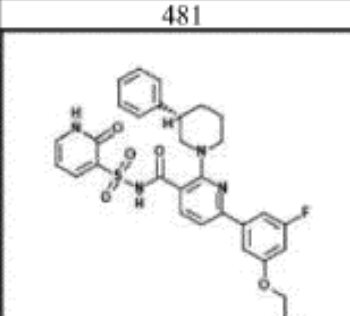
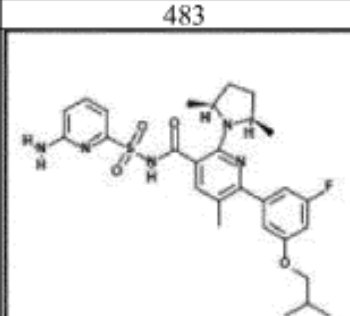


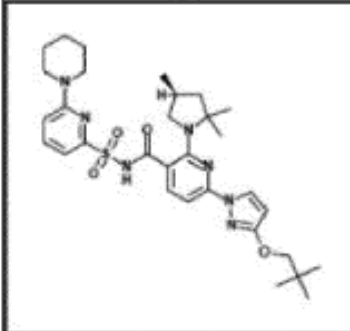
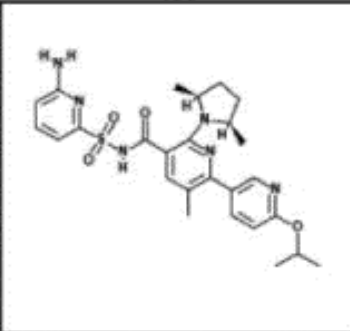
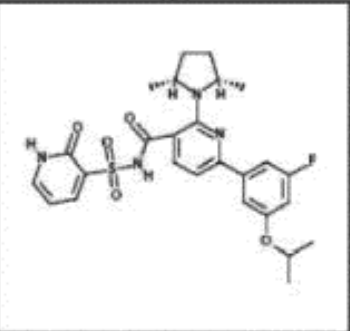
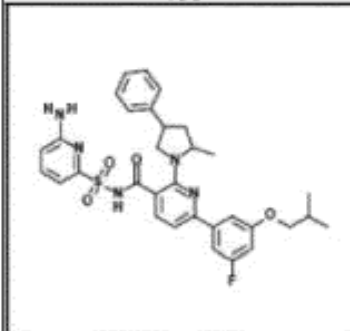
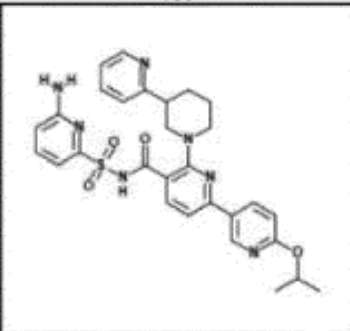
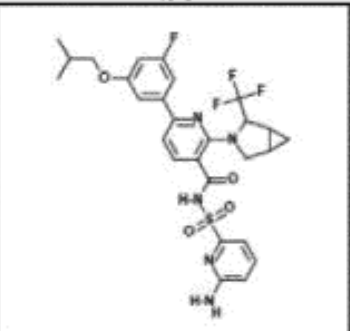
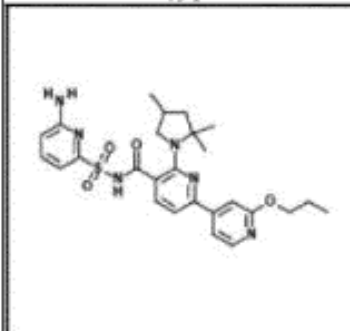
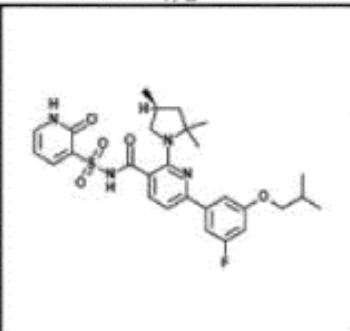
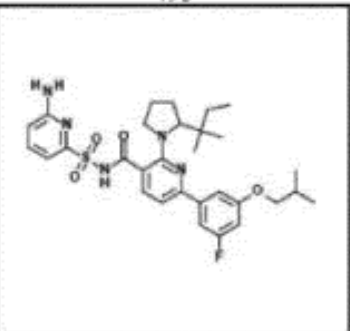
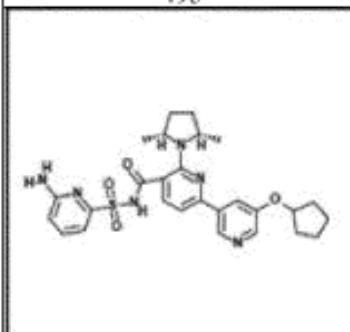
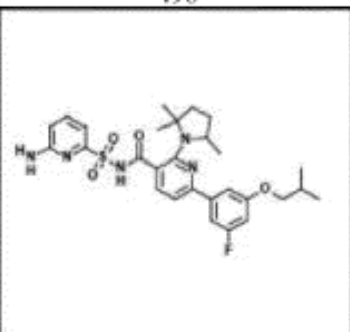
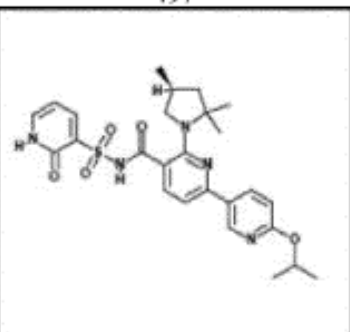
307	321	337
		
361	368	371
		
373	380	382
		
383	384	385
		

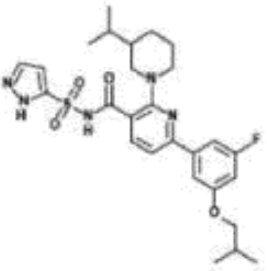
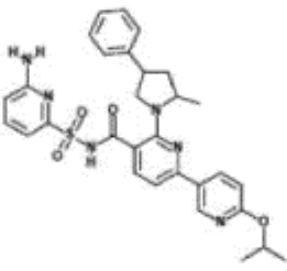
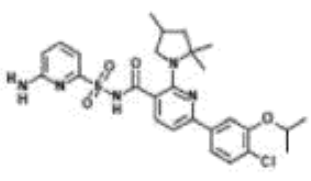
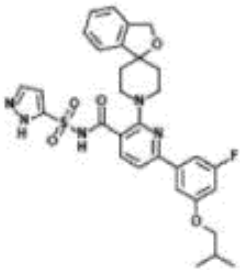
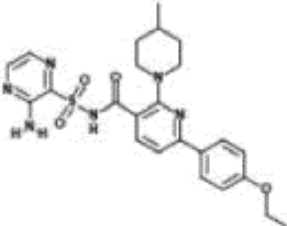
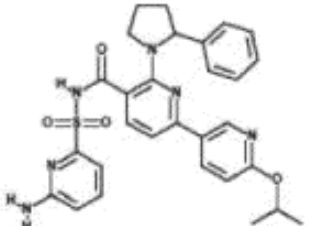
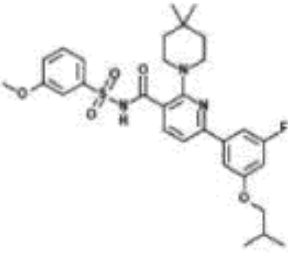
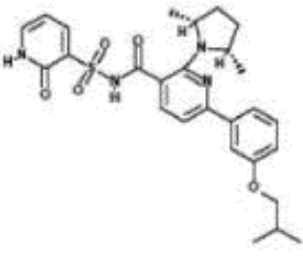
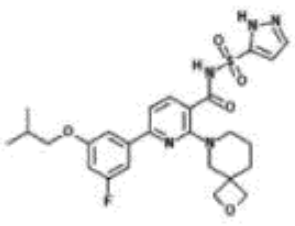
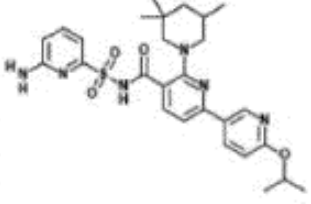
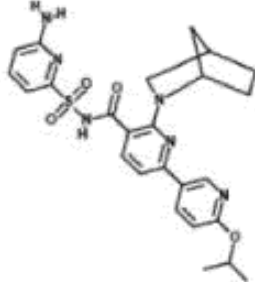
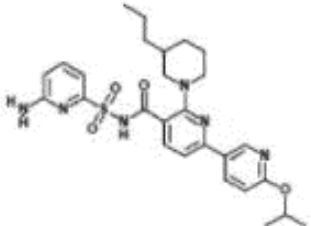
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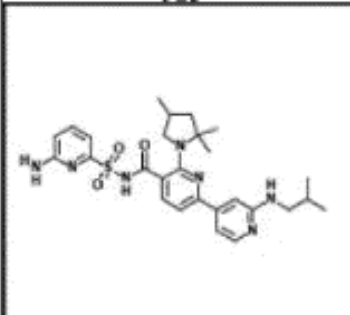
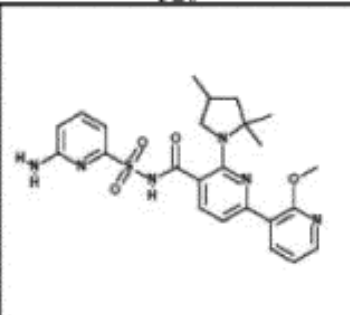
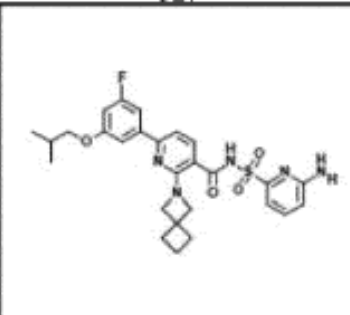
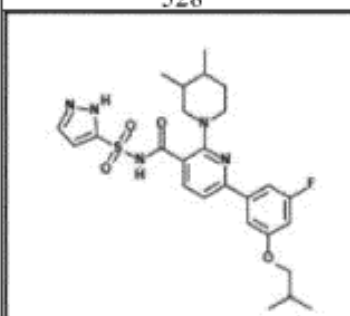
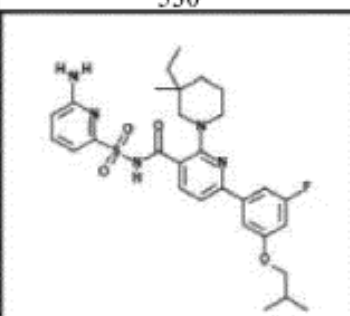
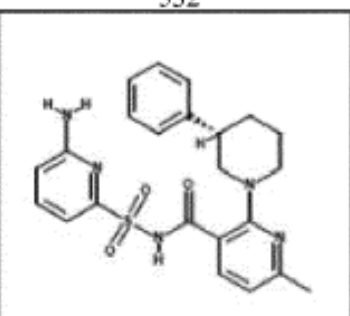
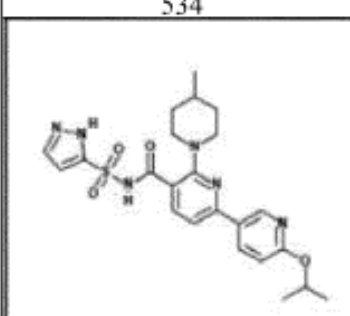
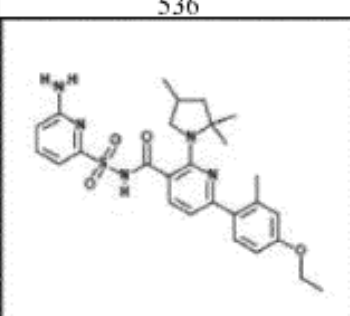
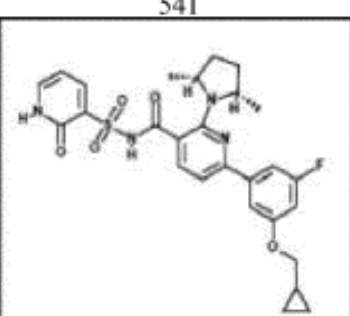
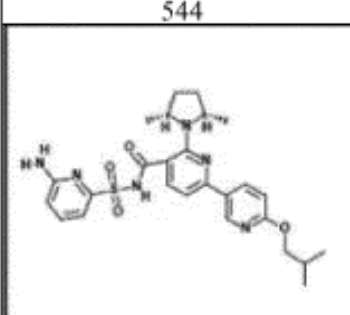
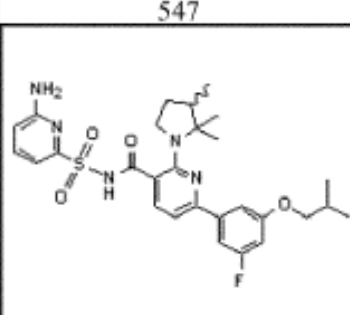
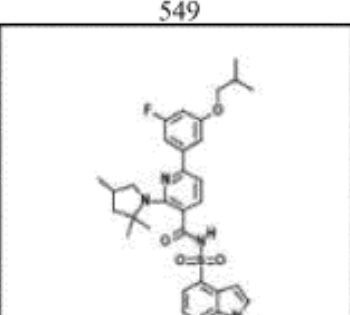
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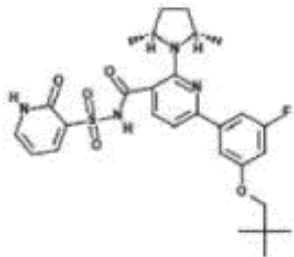
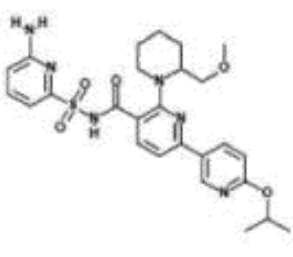
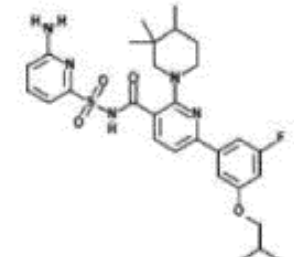
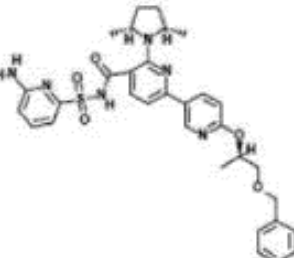
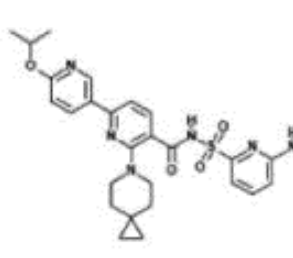
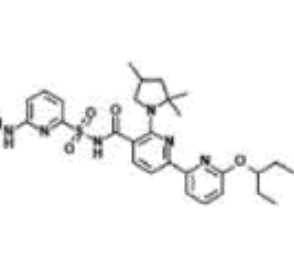
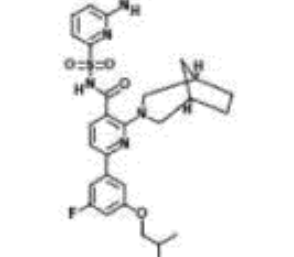
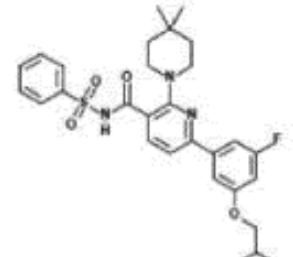
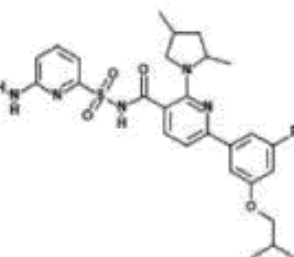
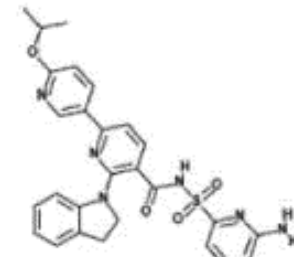
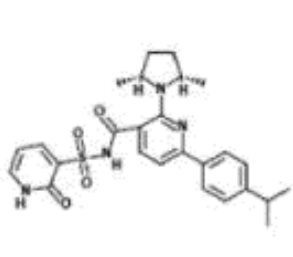
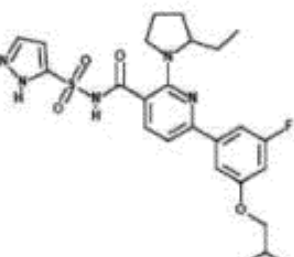
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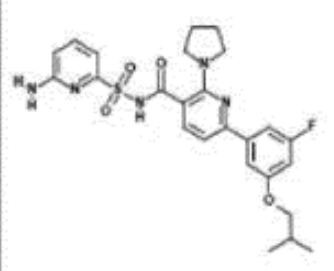
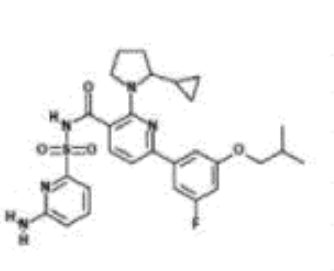
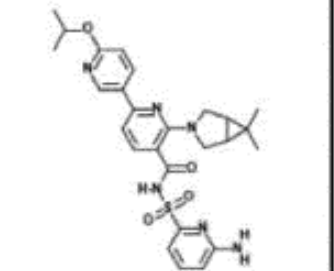
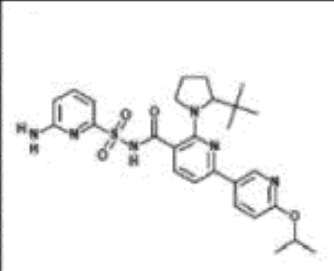
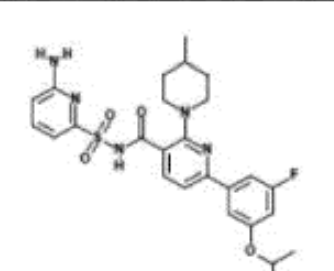
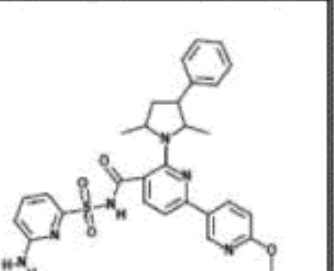
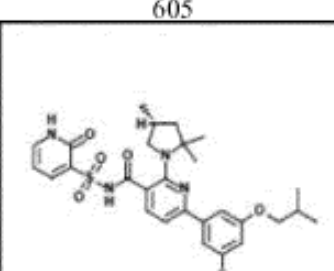
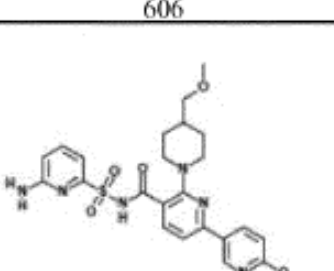
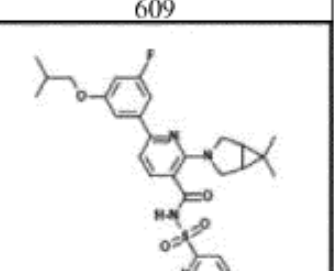
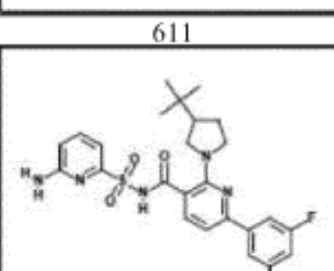
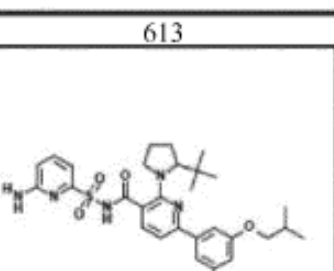
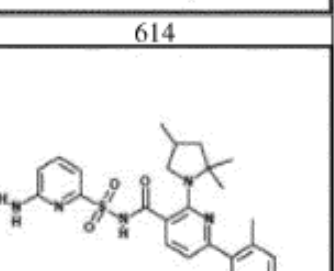
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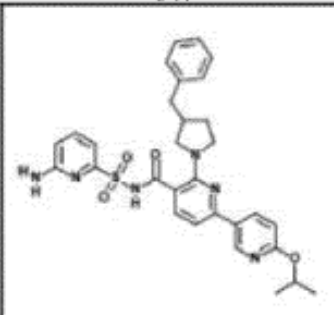
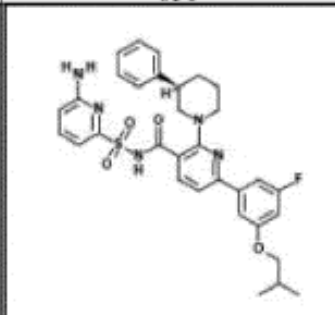
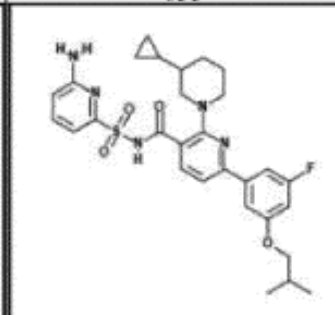
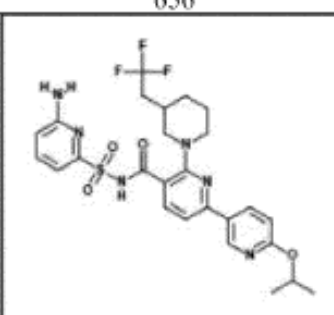
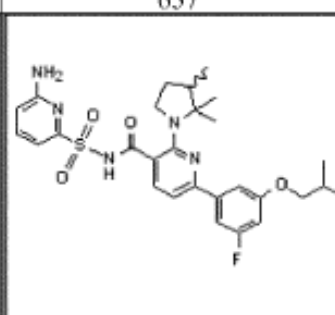
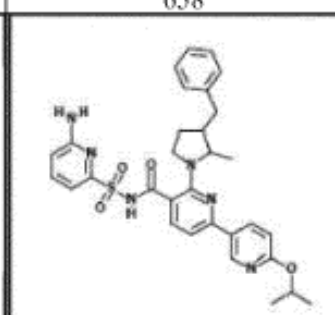
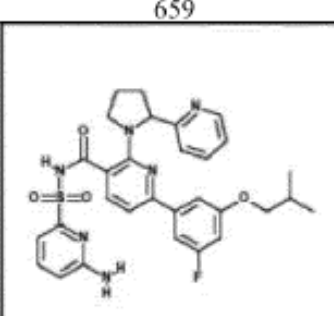
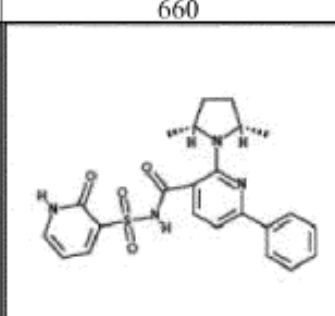
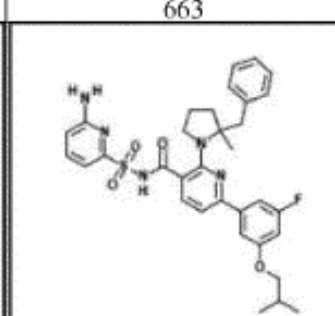
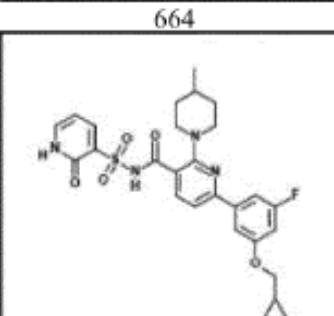
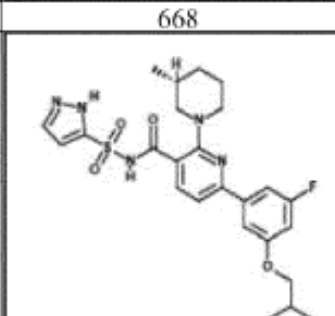
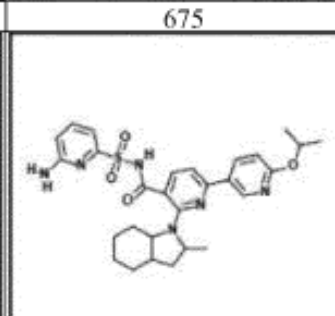
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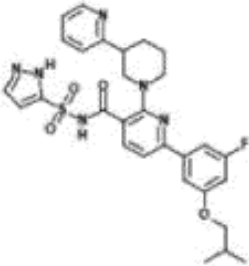
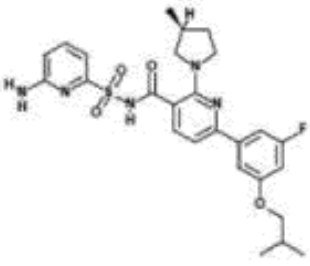
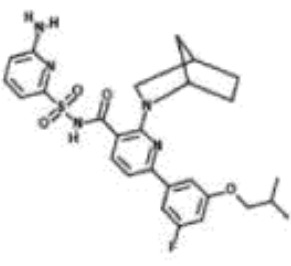
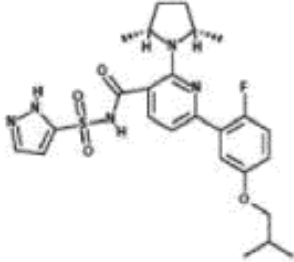
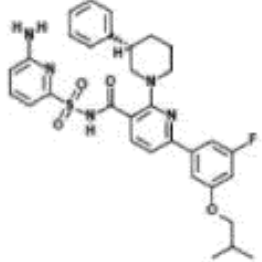
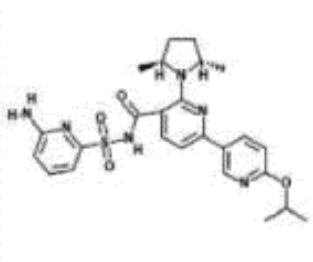
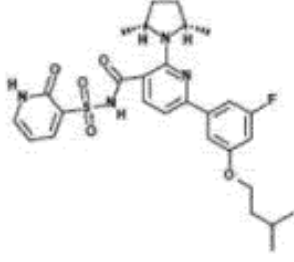
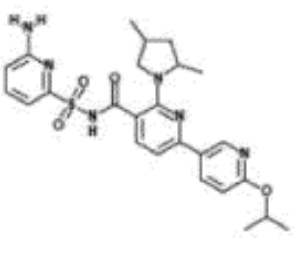
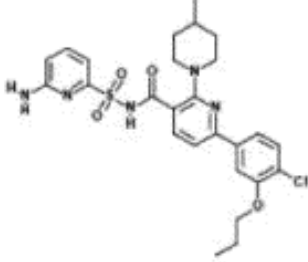
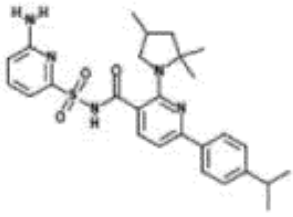
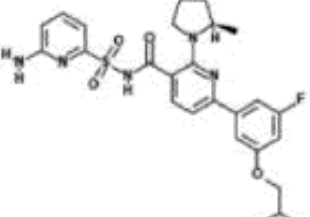
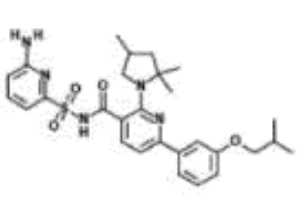
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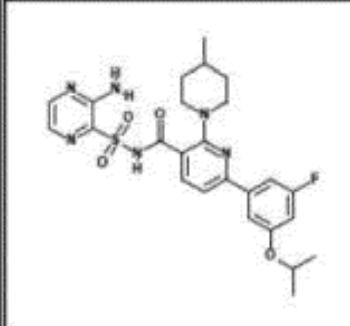
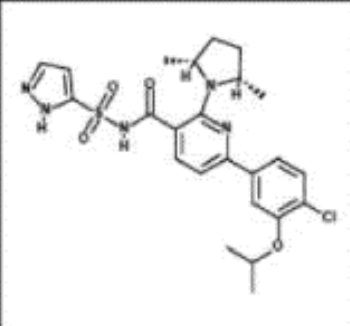
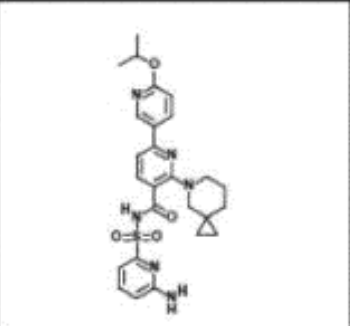
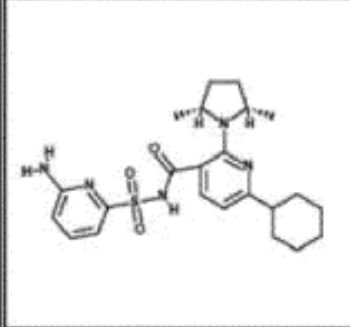
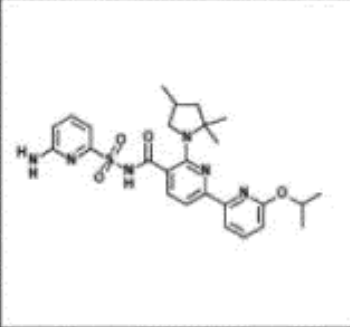
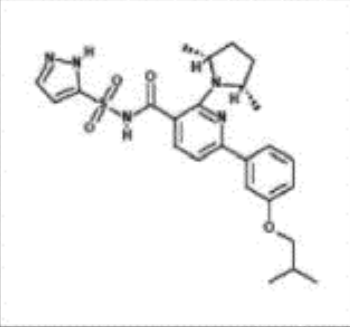
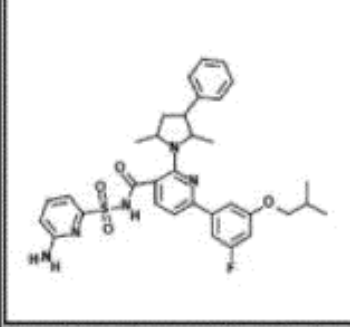
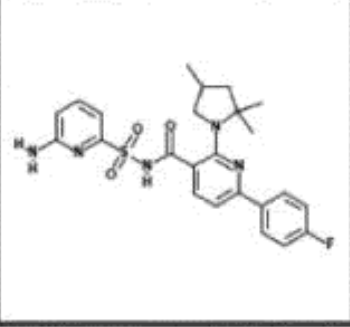
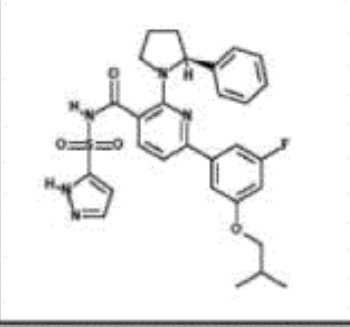
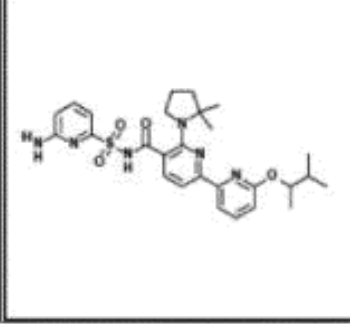
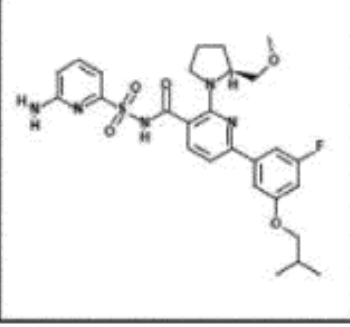
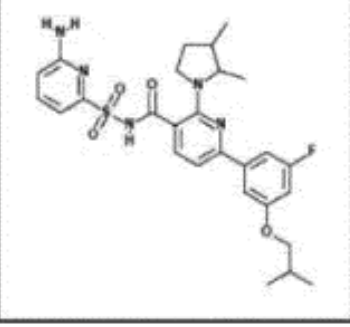
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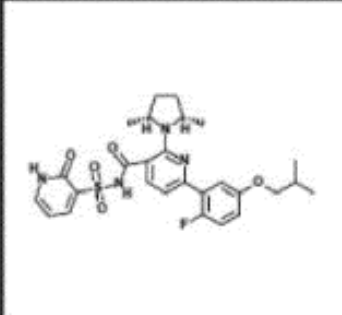
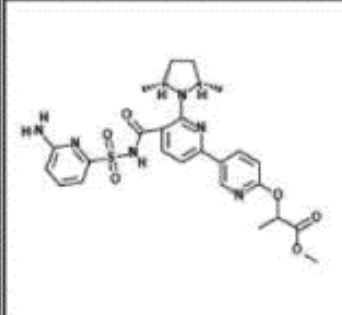
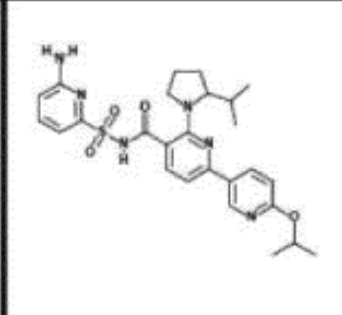
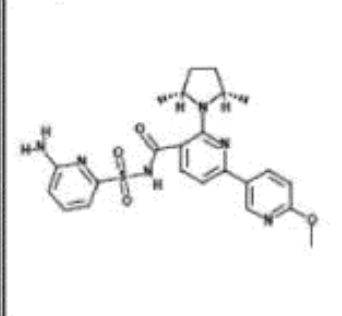
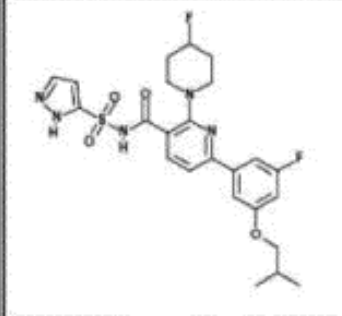
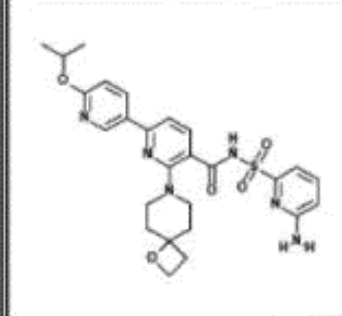
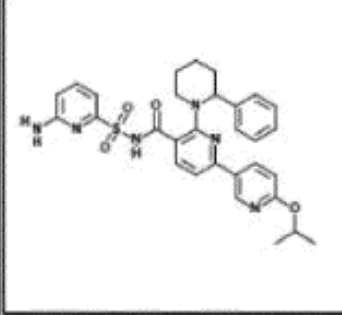
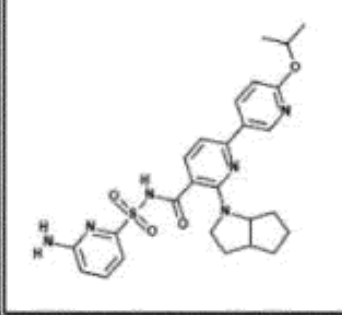
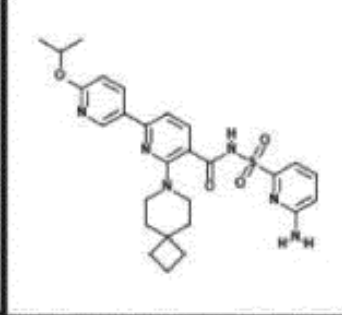
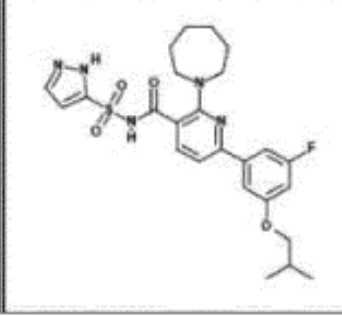
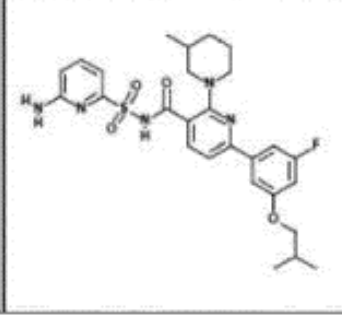
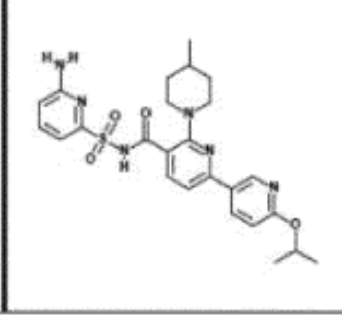
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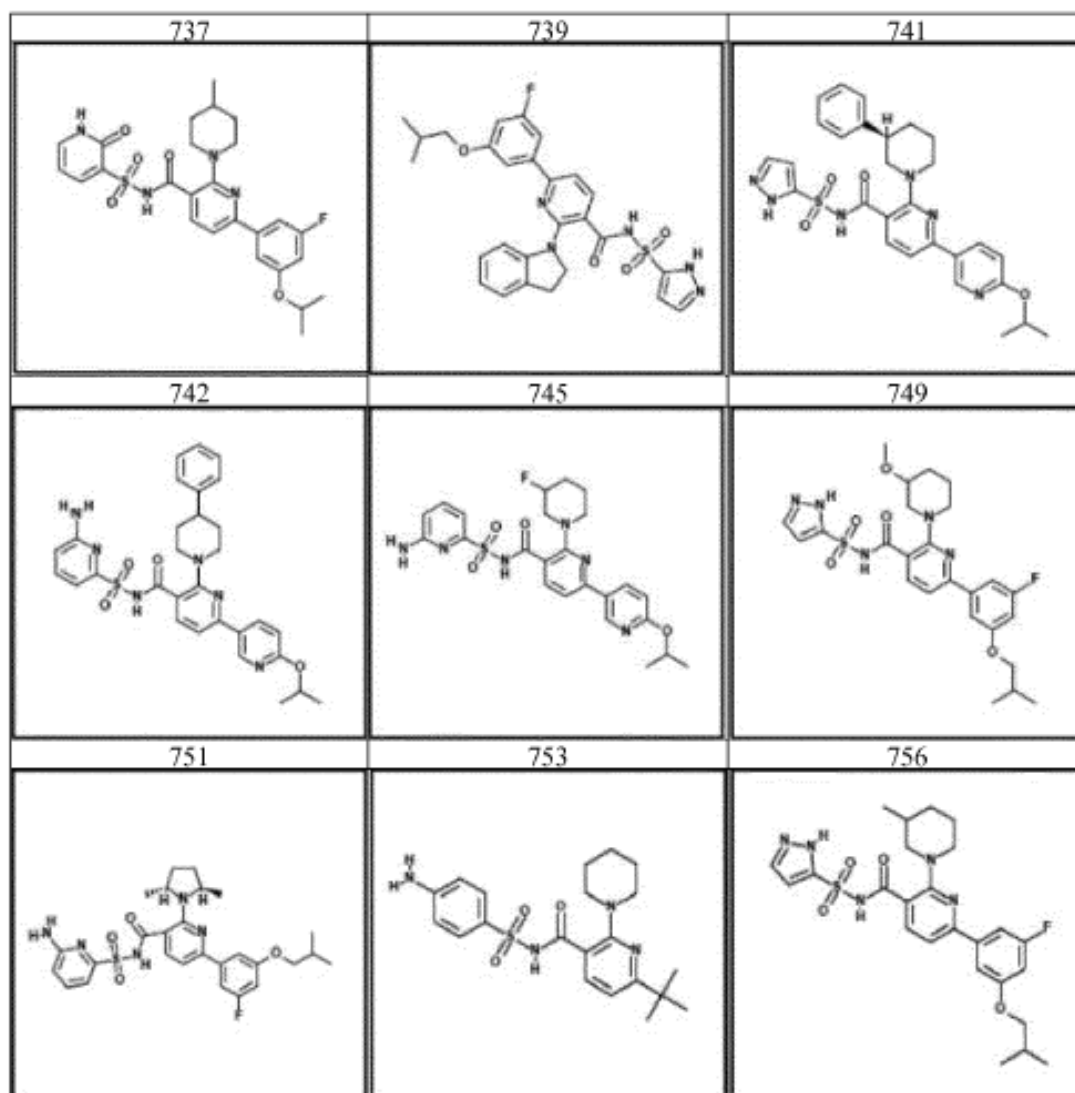
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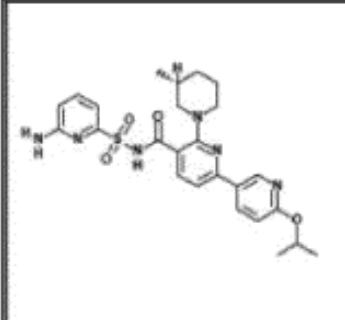
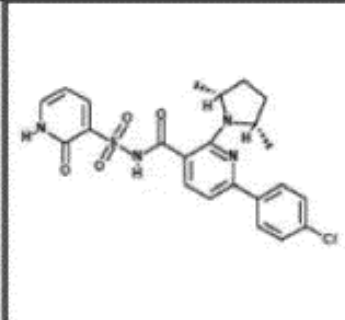
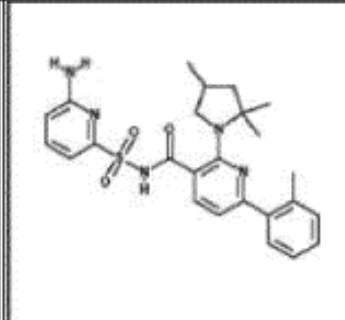
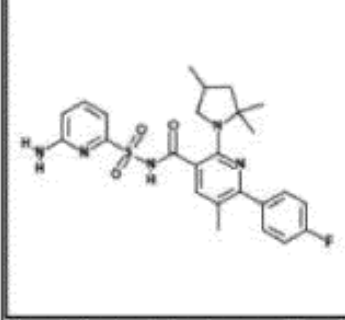
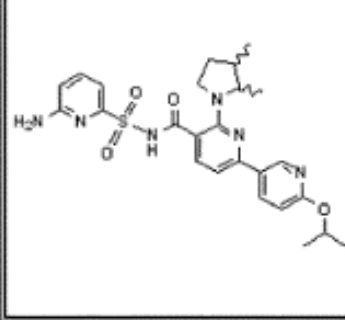
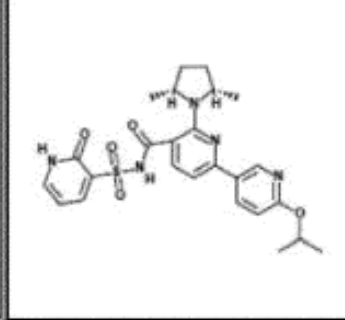
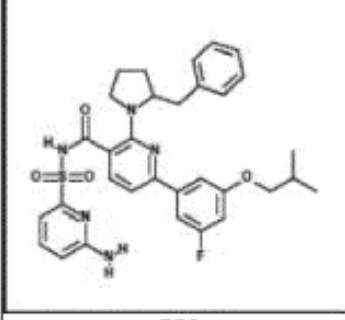
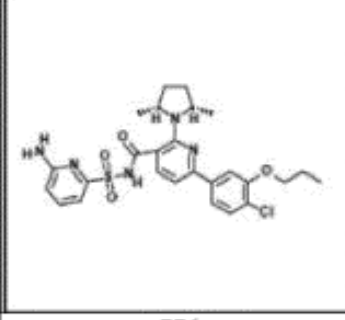
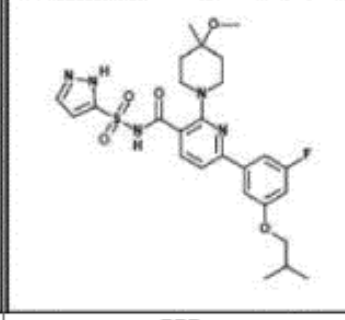
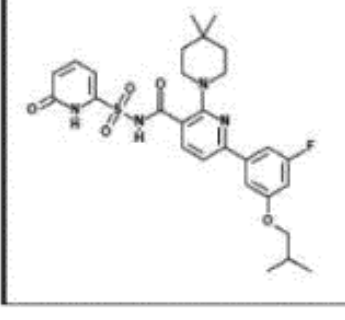
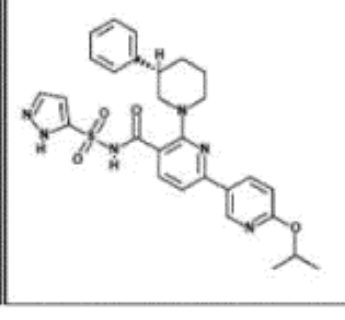
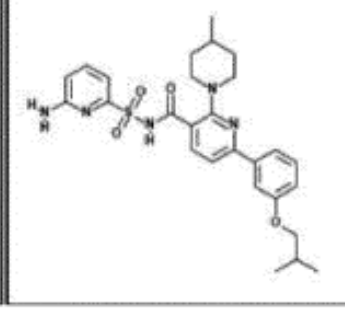
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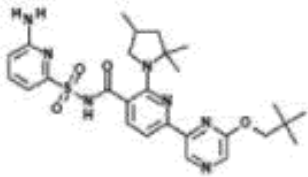
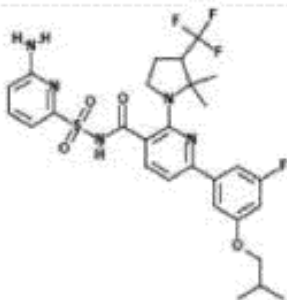
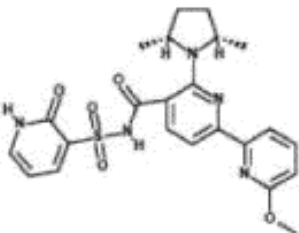
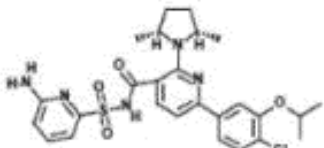
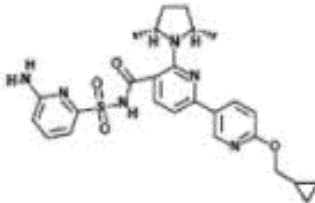
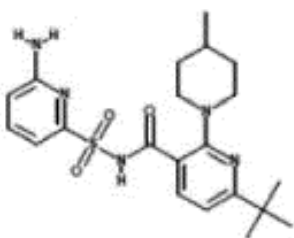
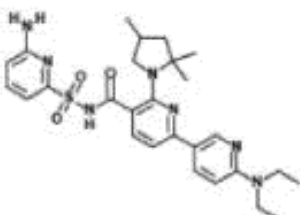
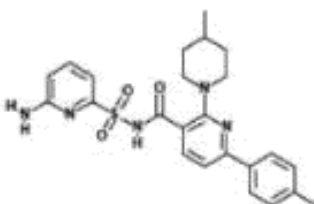
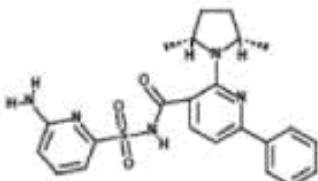
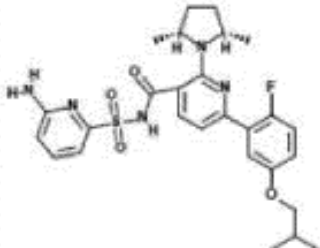
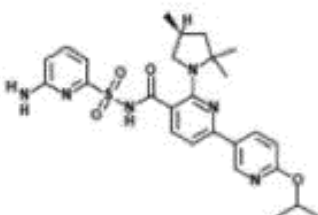
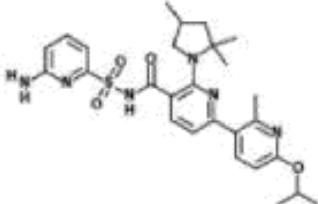
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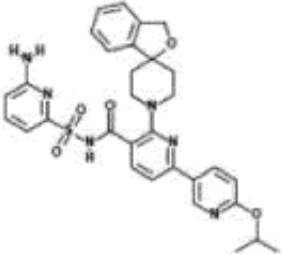
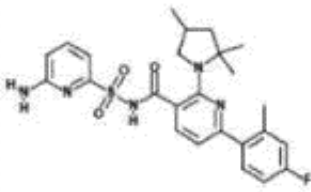
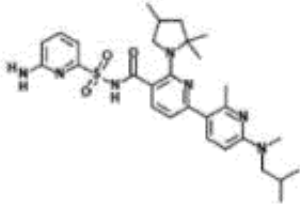
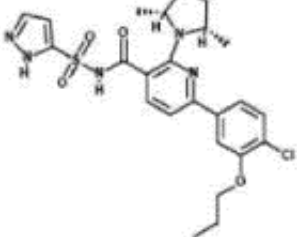
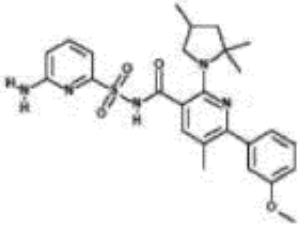
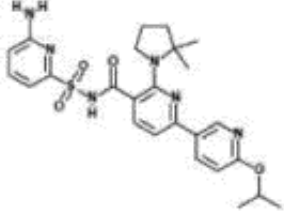
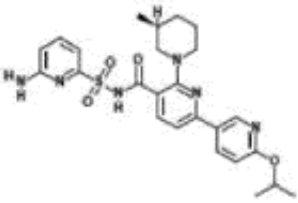
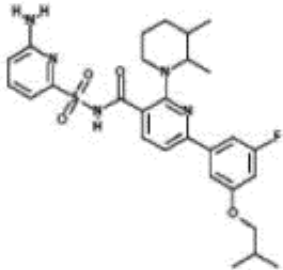
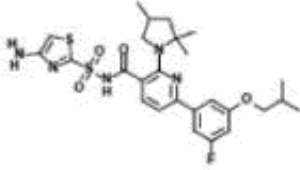
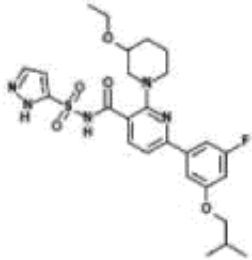
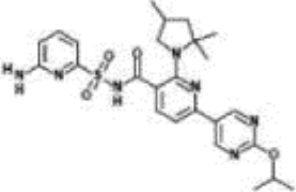
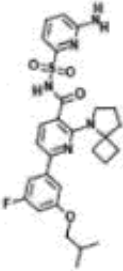
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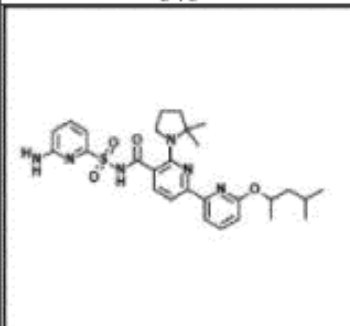
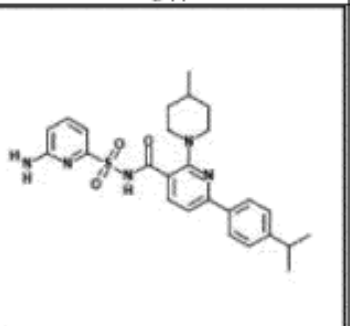
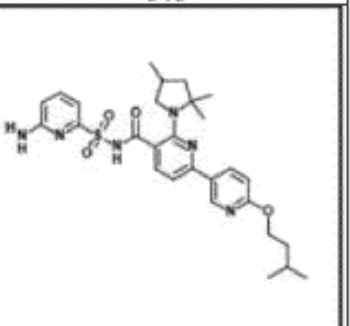
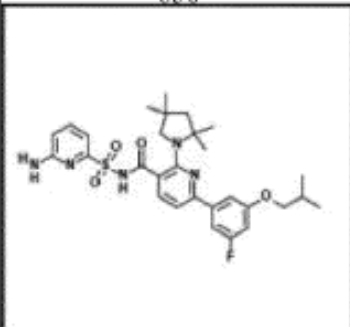
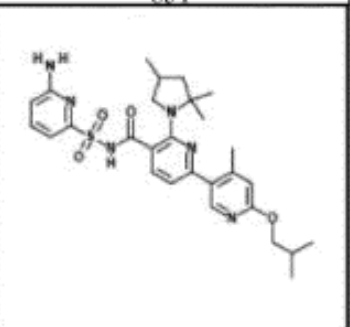
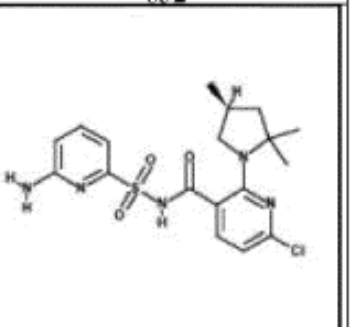
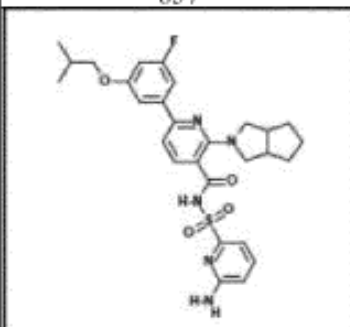
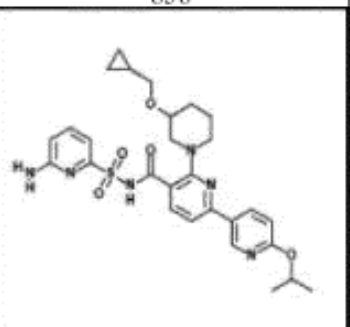
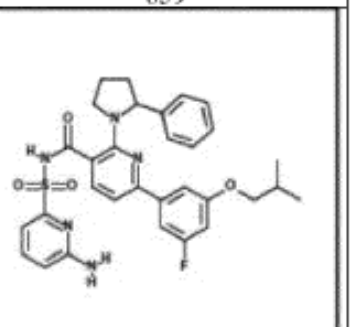
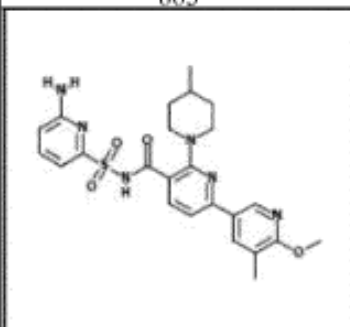
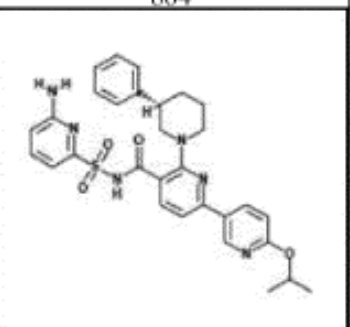
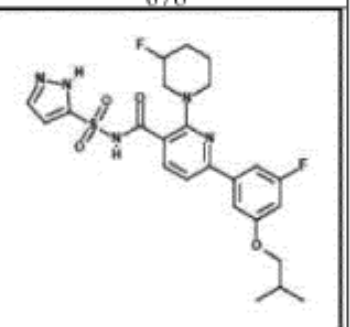
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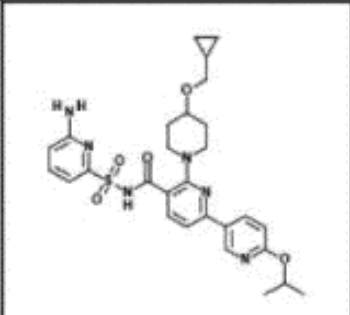
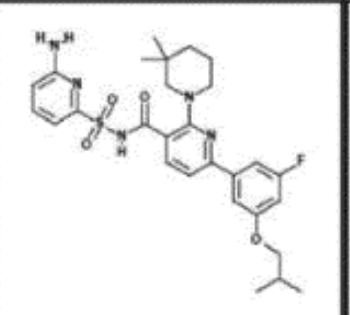
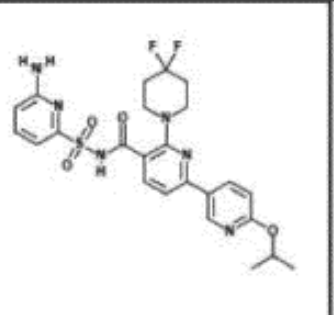
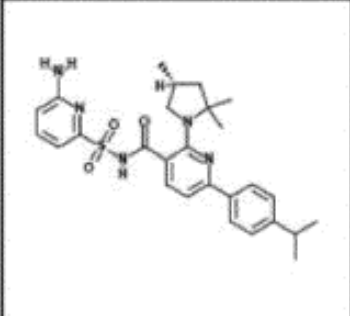
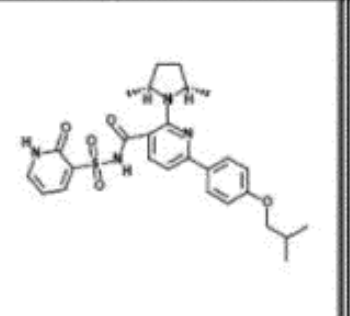
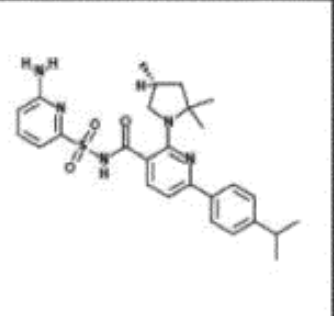
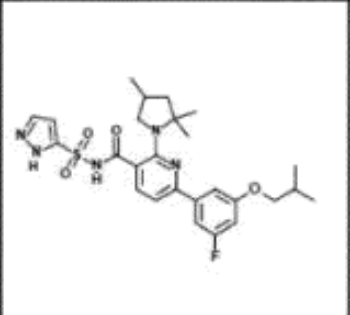
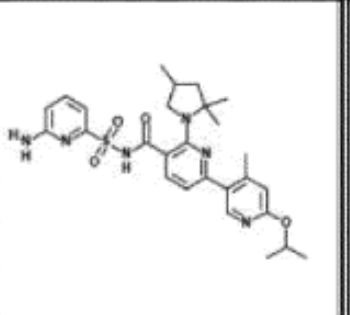
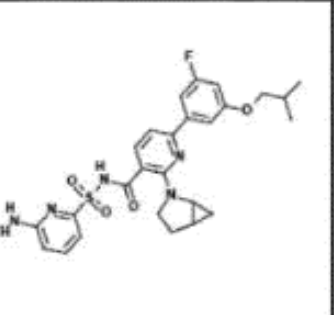
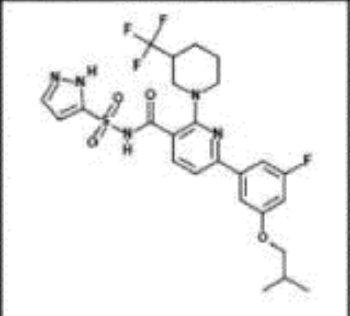
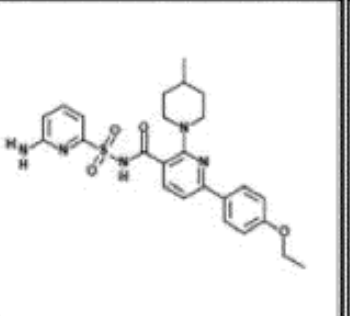
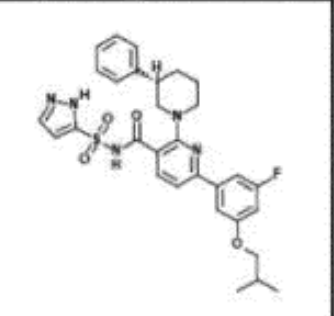


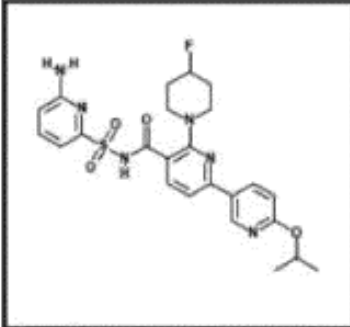
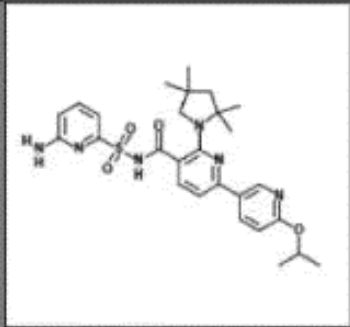
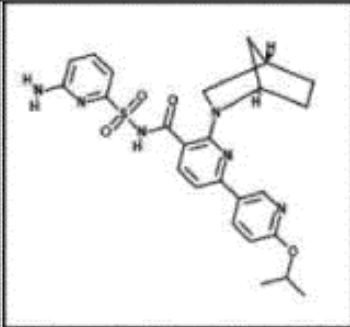
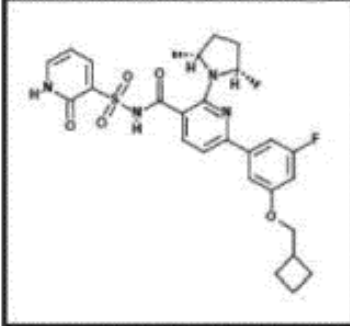
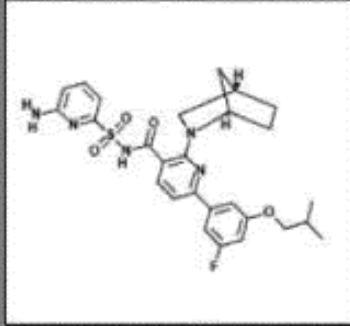
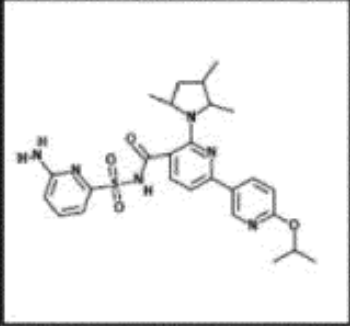
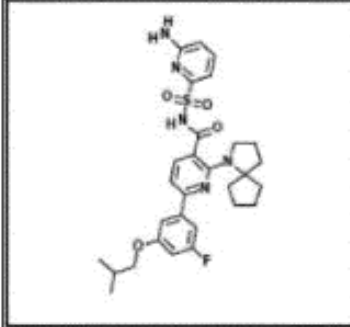
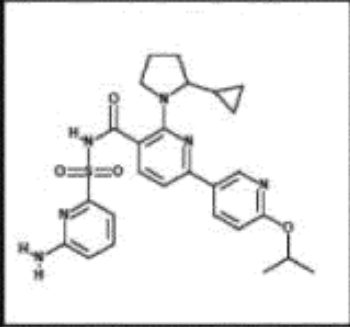
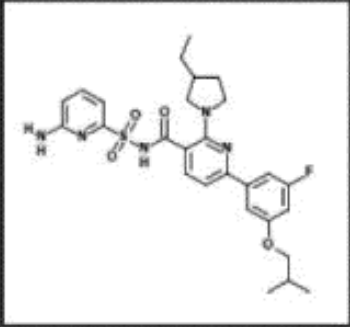
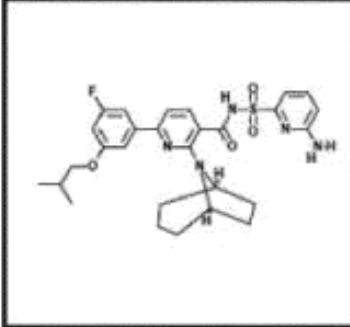
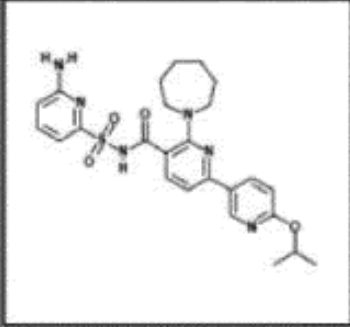
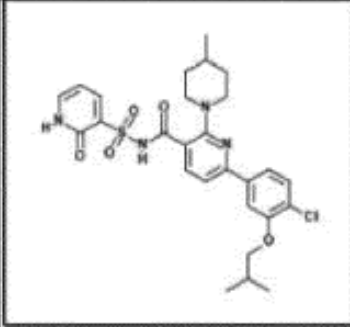
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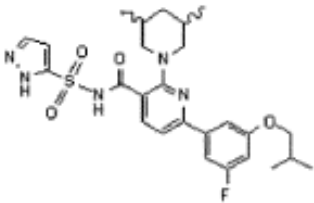
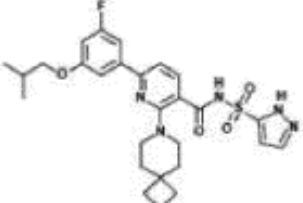
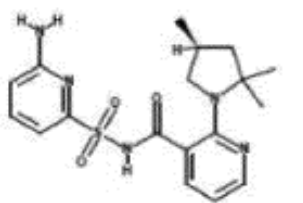
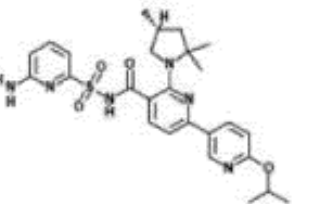
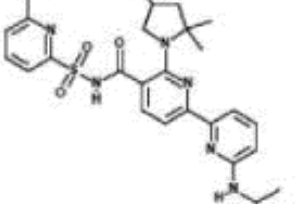
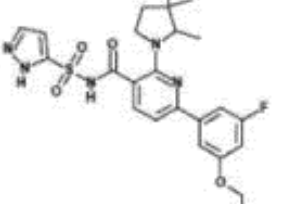
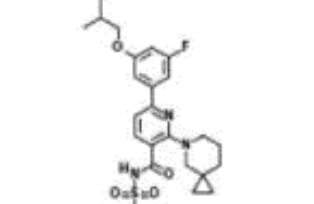
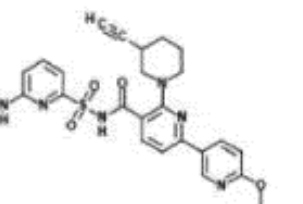
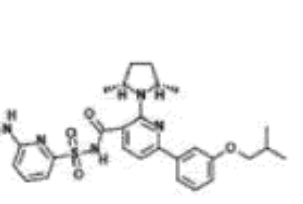
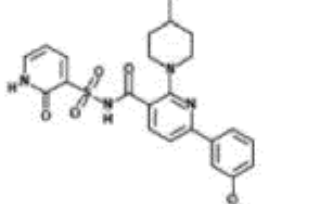
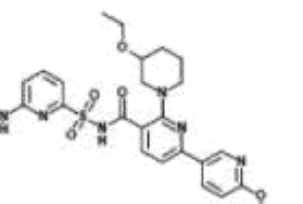
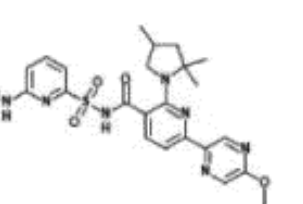
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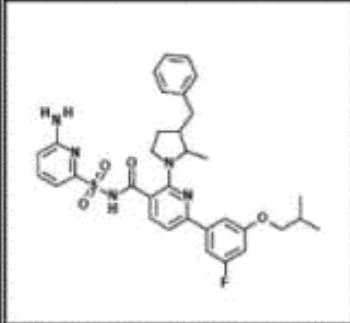
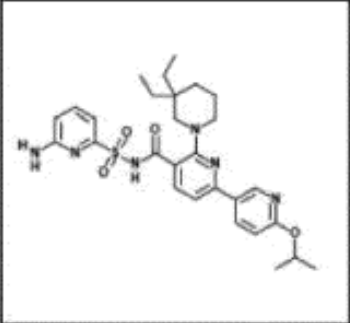
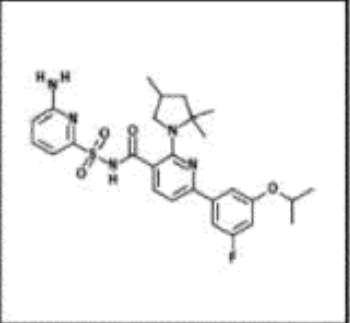
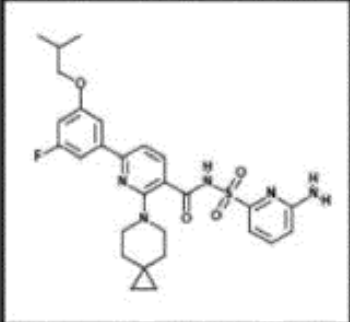
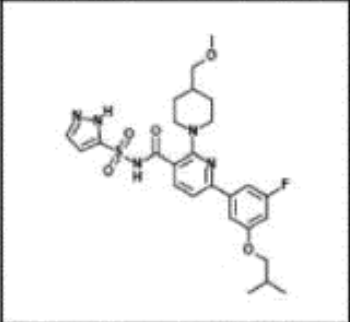
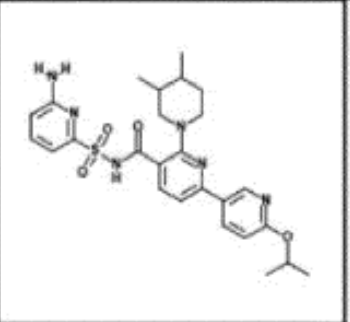
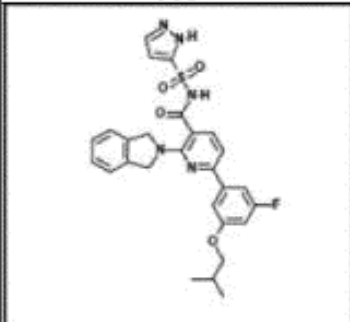
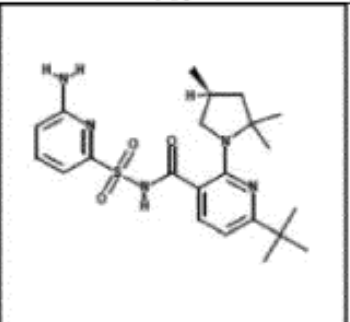
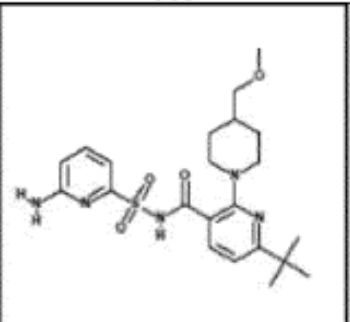
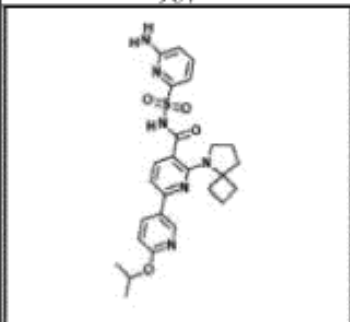
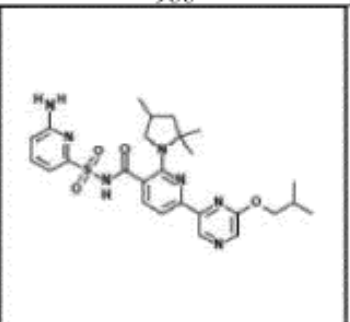
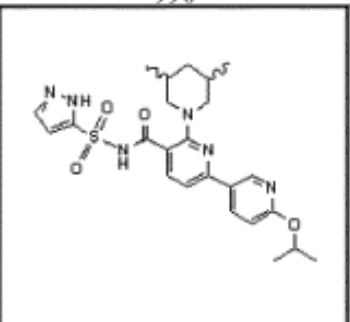
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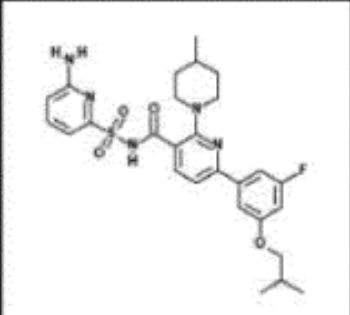
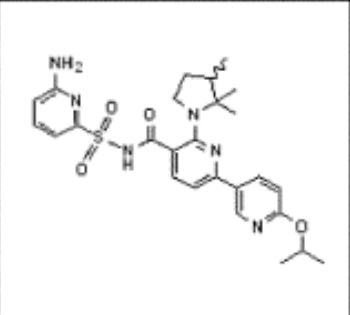
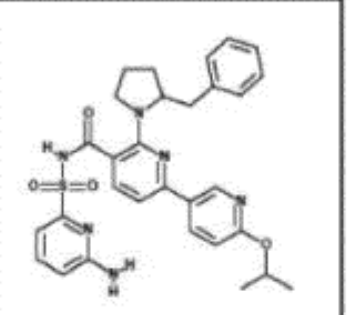
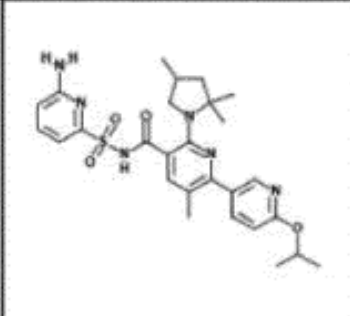
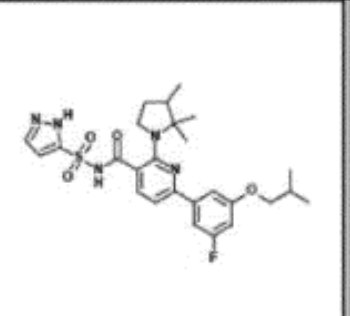
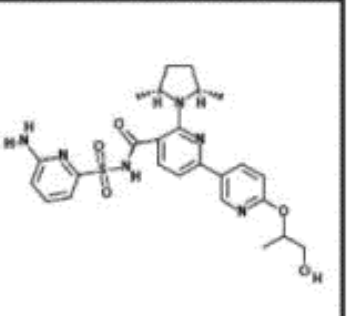
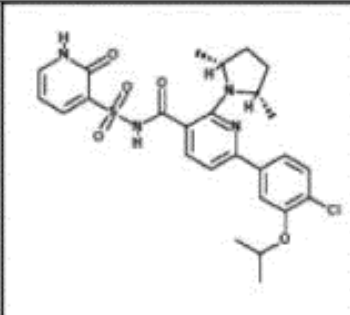
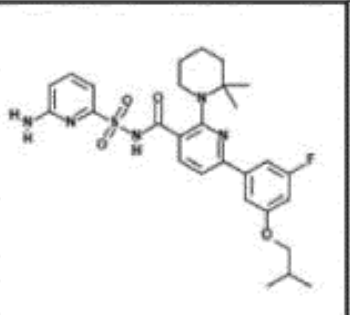
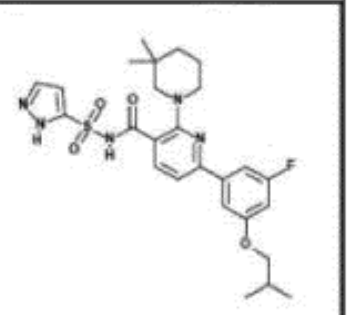
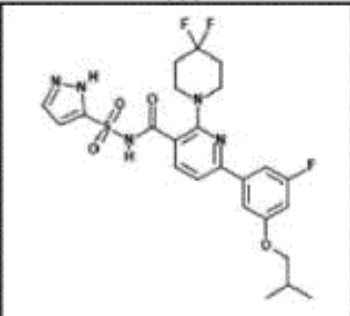
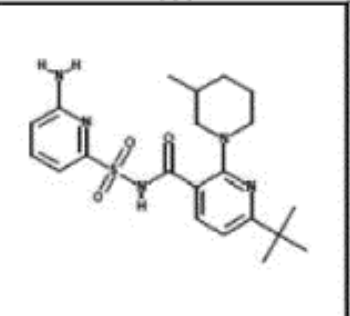
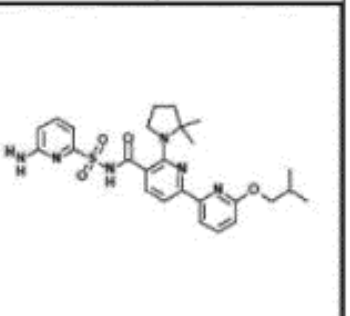
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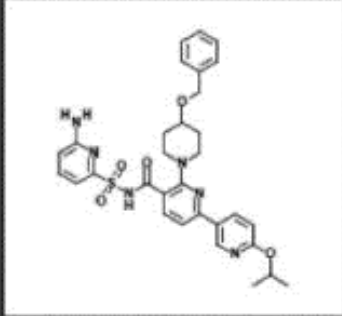
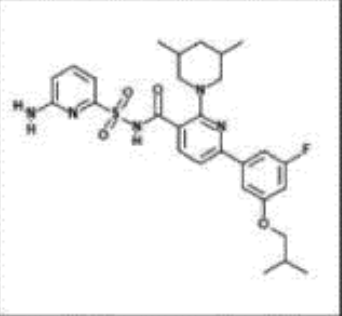
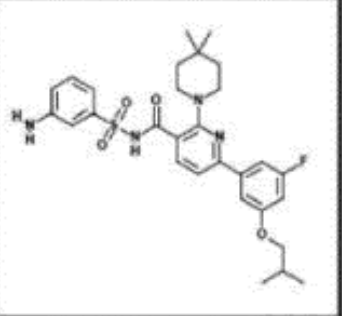
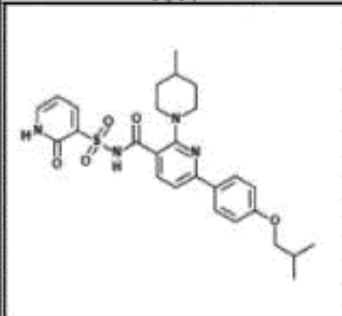
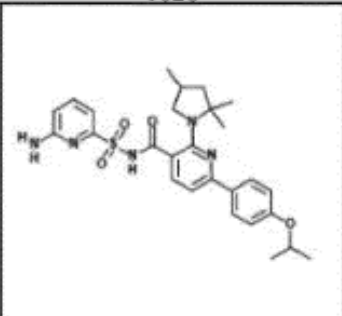
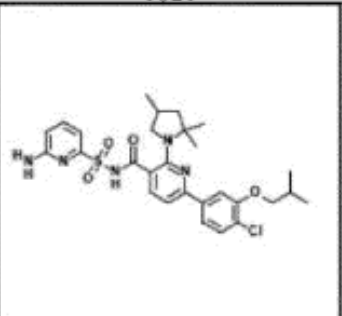
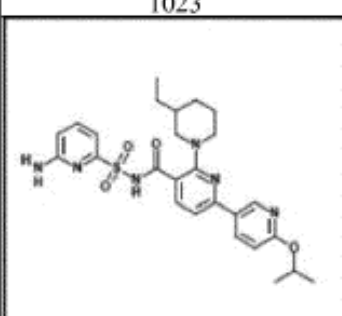
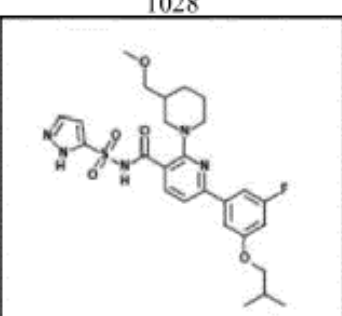
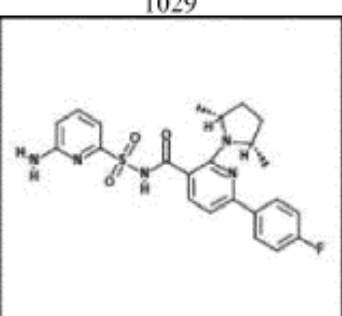
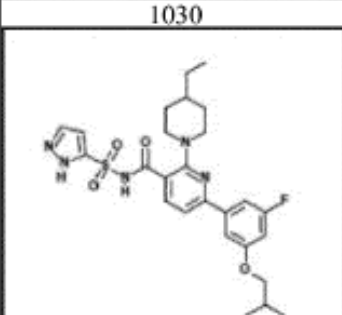
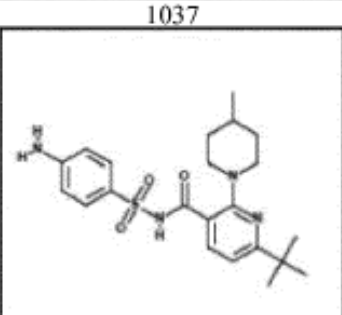
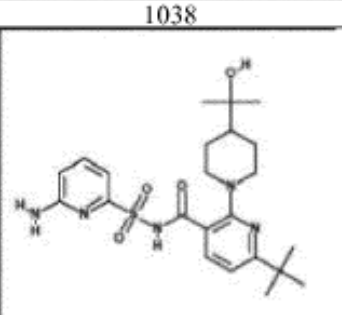
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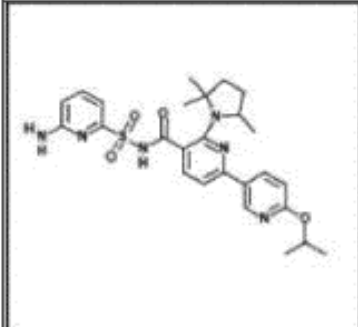
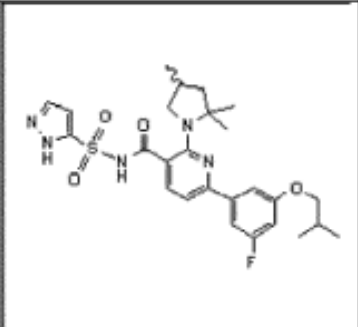
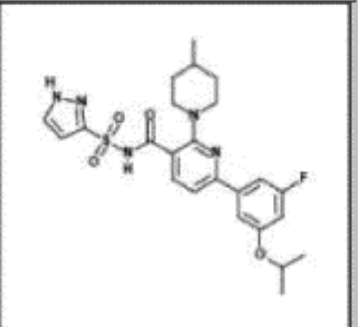
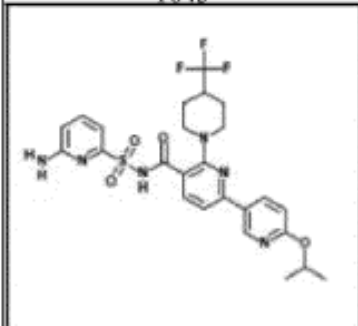
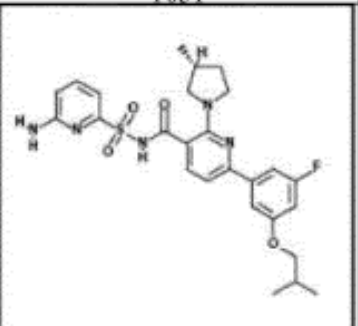
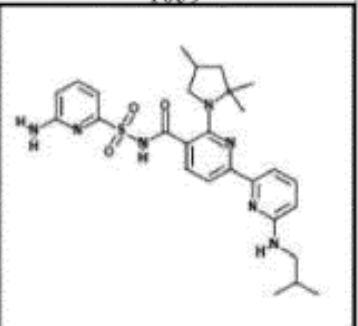
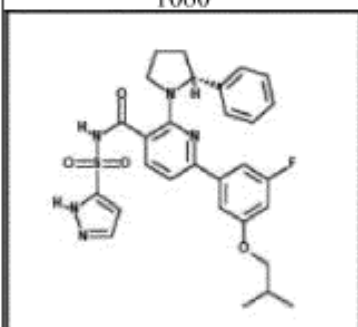
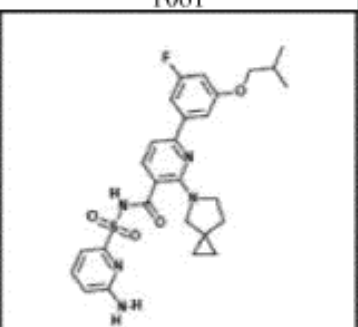
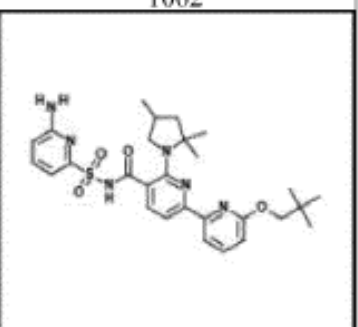
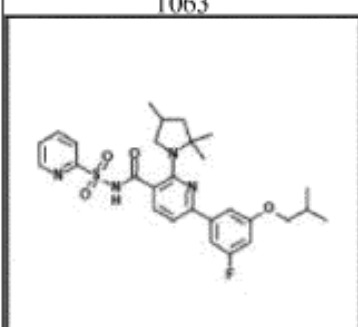
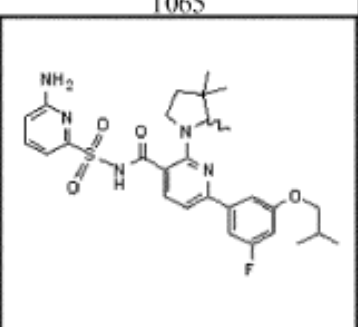
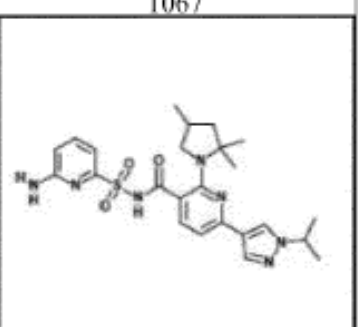
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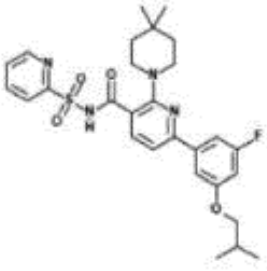
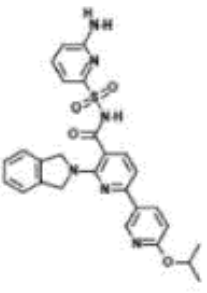
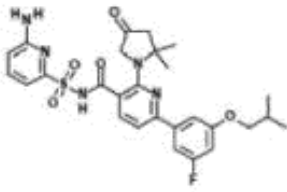
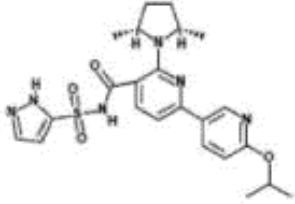
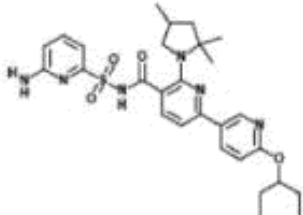
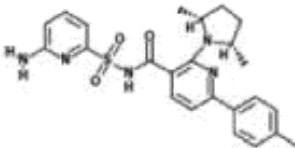
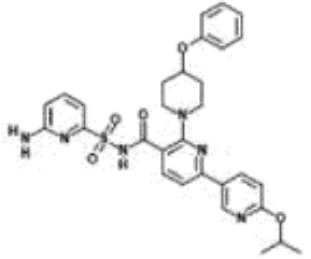
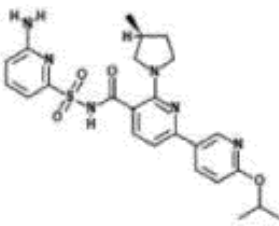
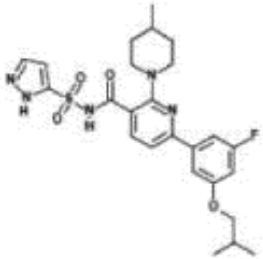
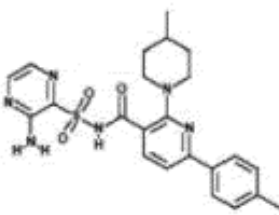
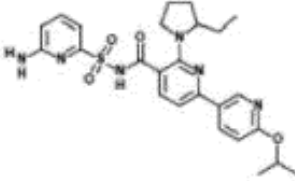
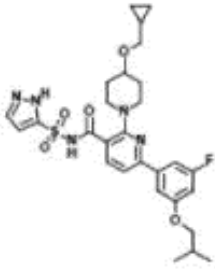
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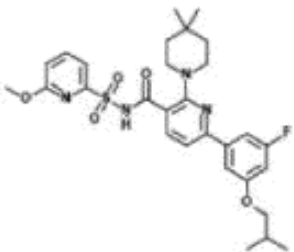
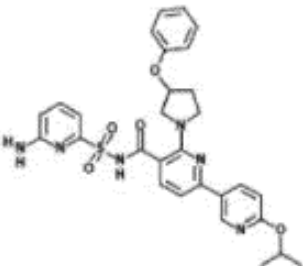
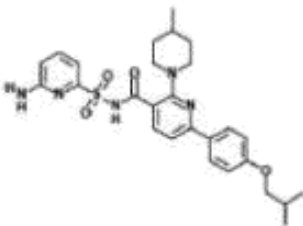
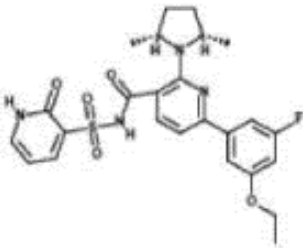
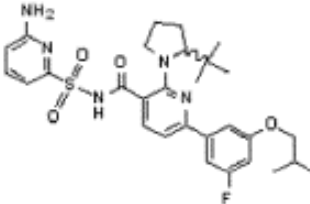
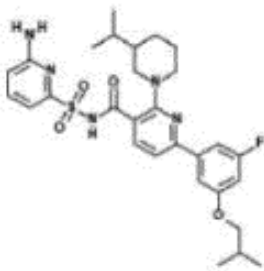
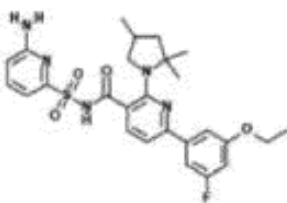
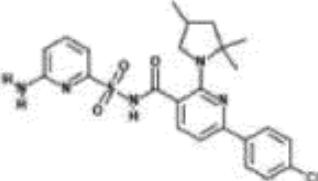
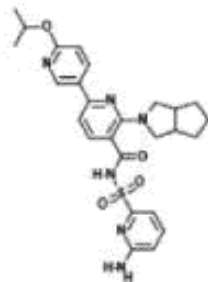
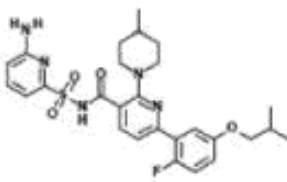
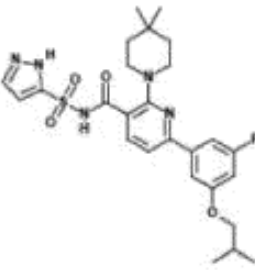
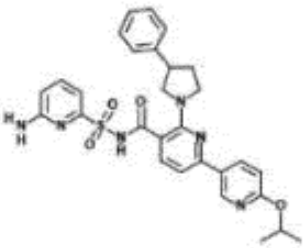
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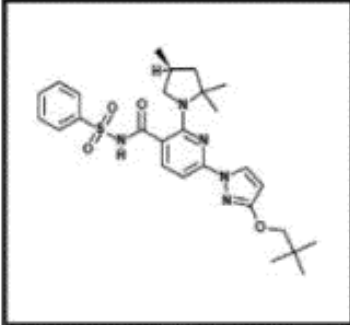
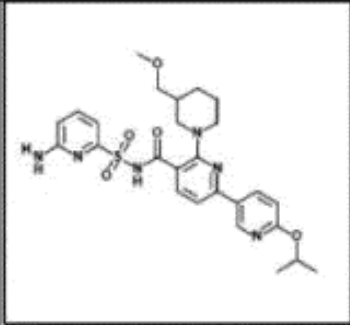
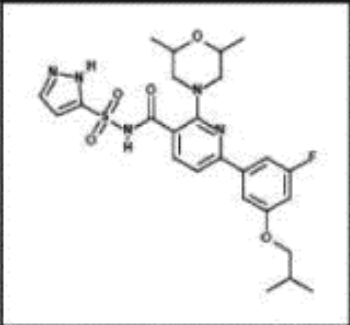
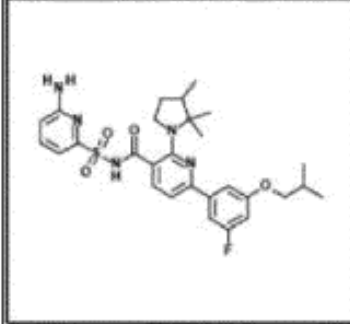
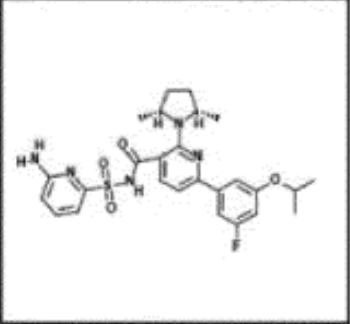
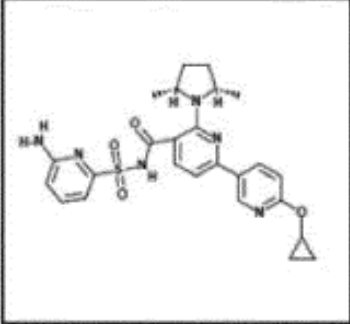
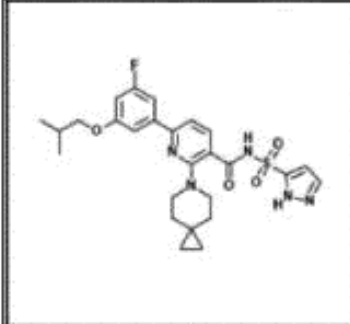
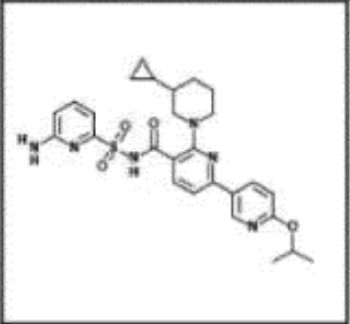
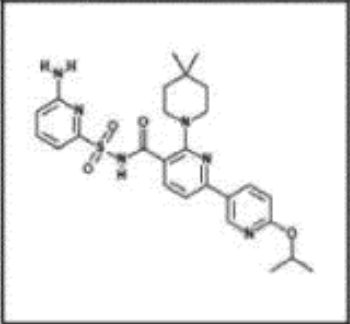
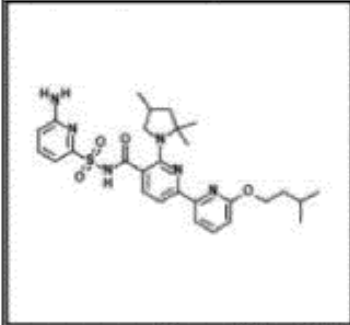
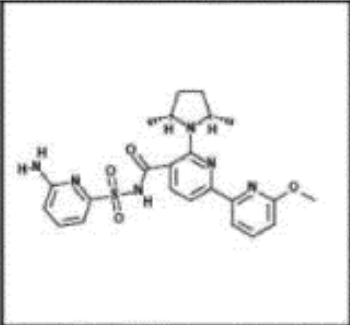
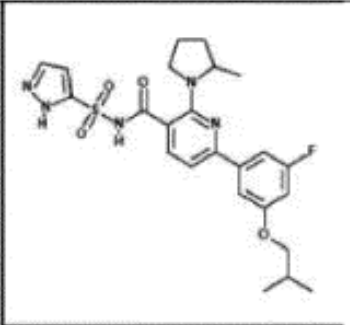
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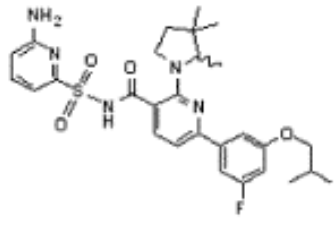
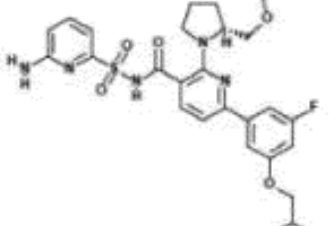
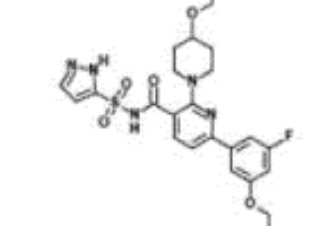
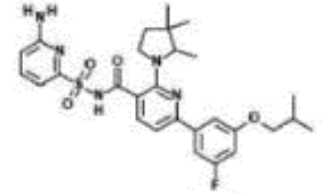
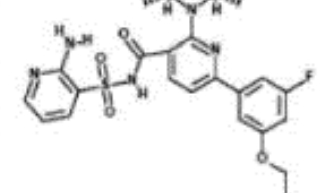
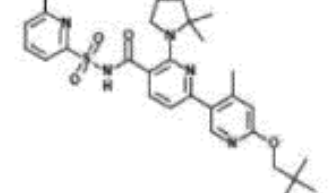
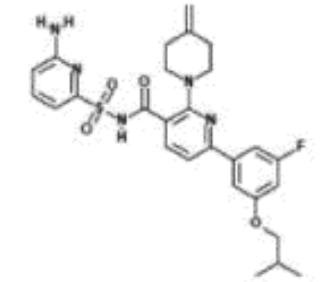
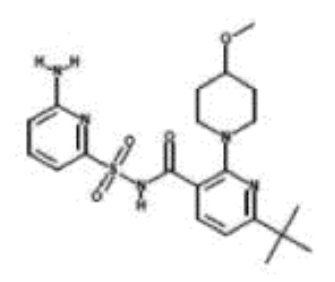
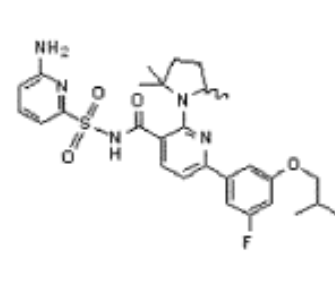
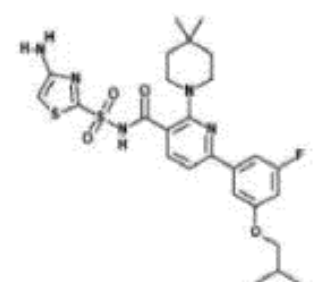
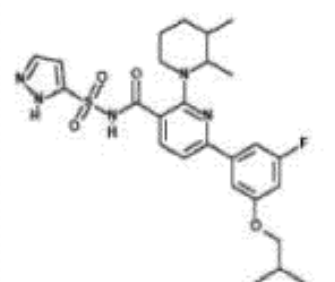
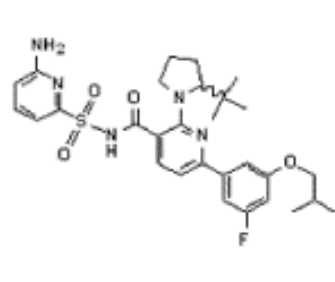
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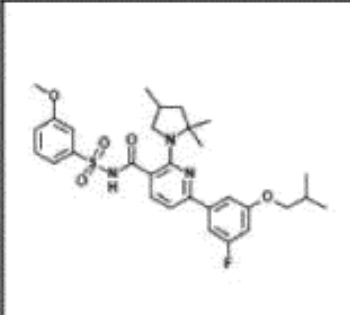
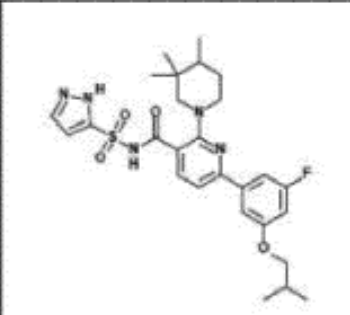
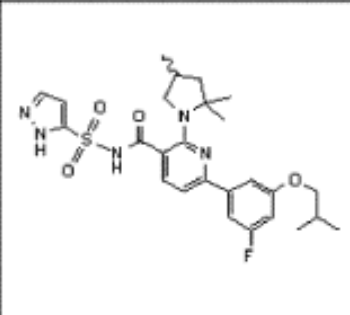
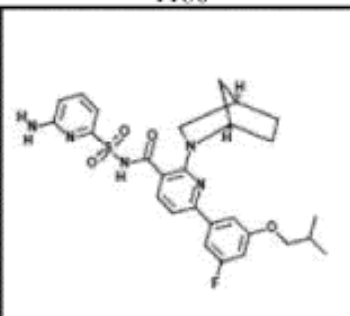
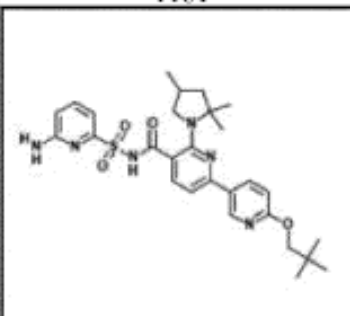
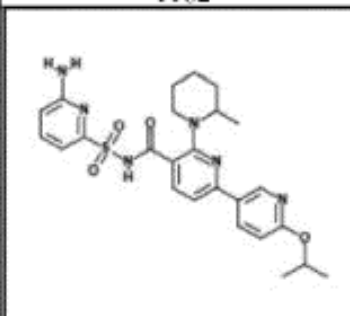
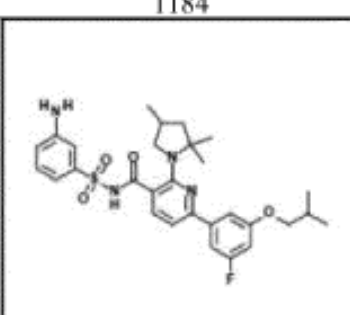
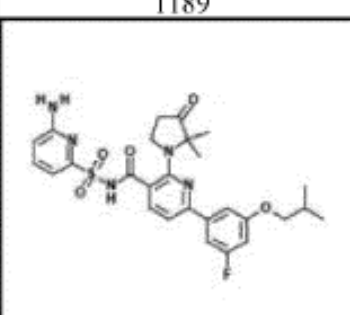
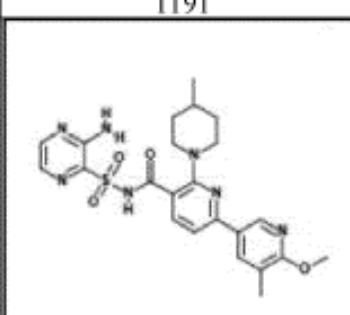
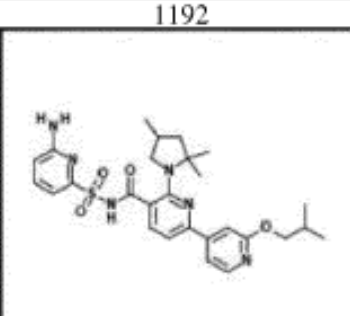
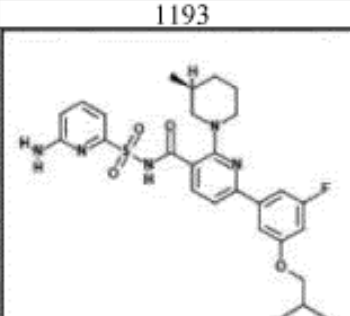
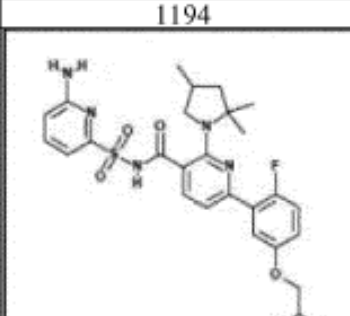
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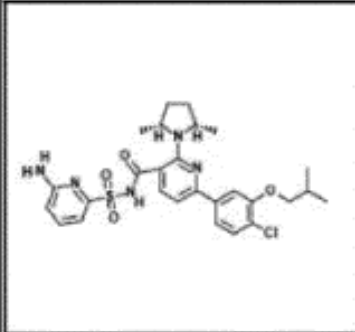
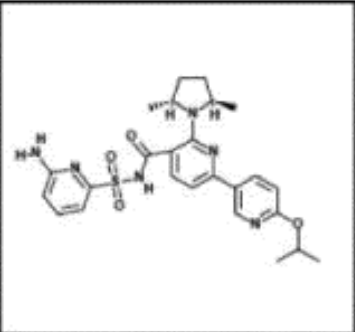
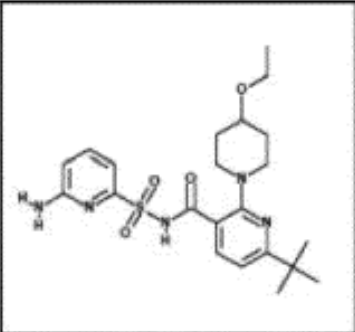
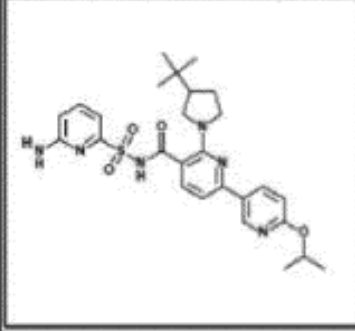
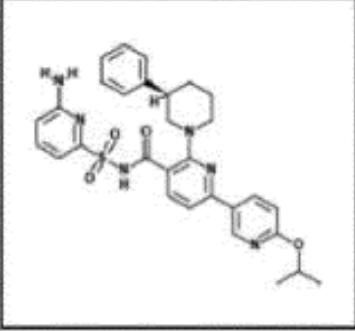
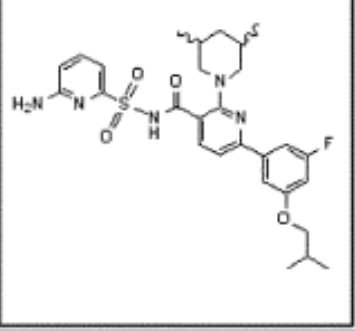
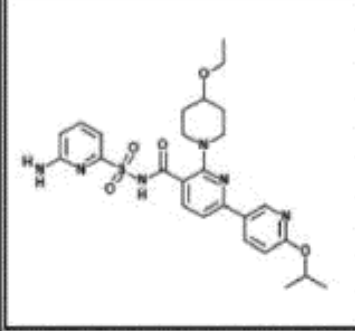
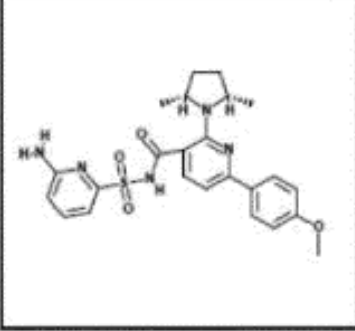
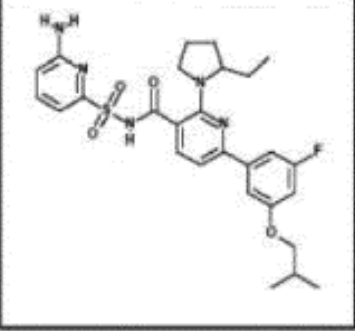
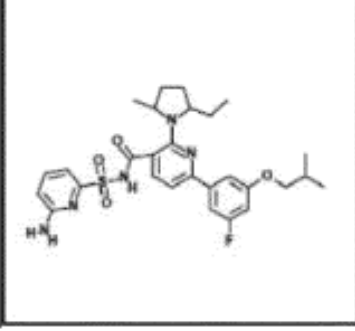
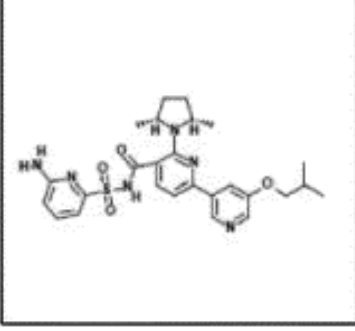
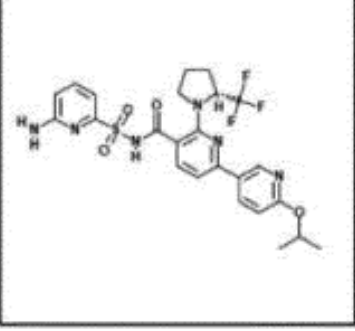
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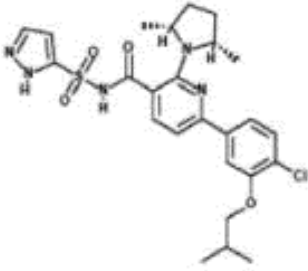
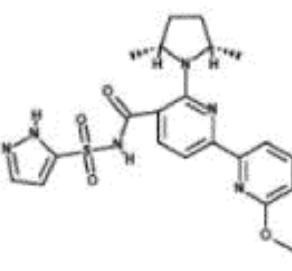
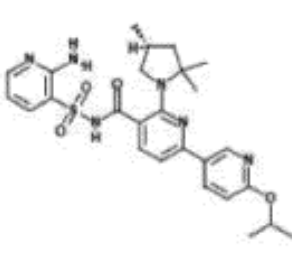
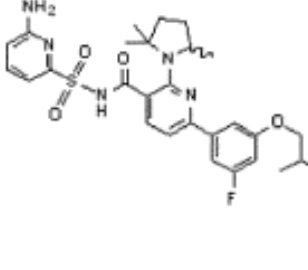
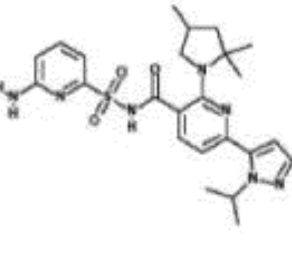
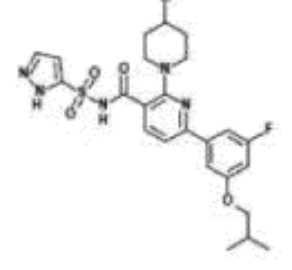
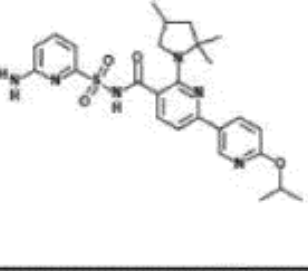
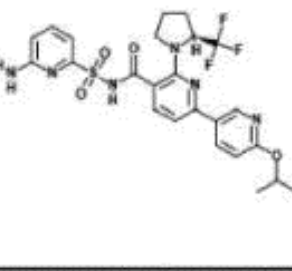
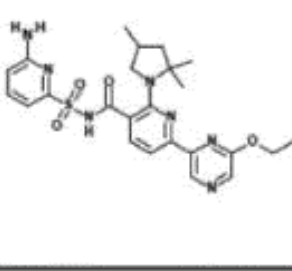
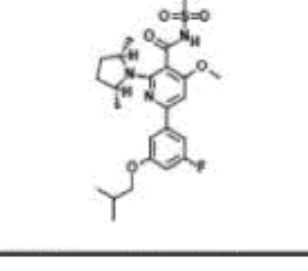
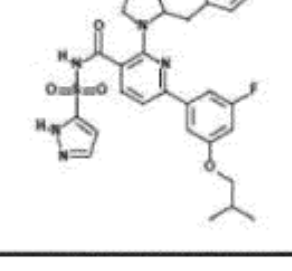
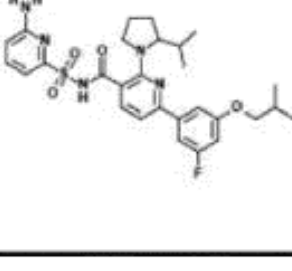
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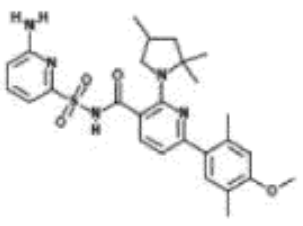
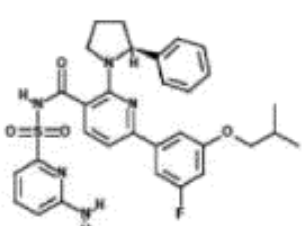
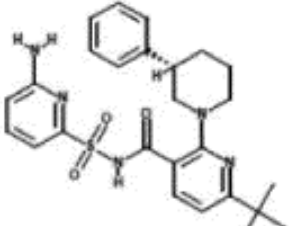
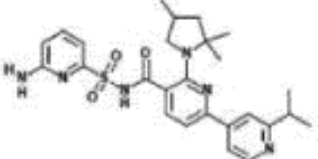
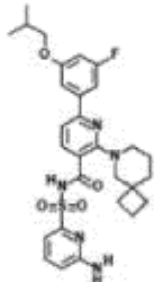
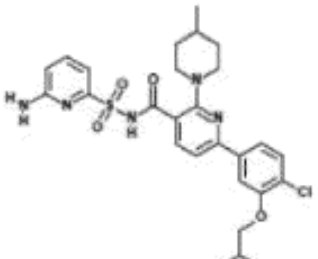
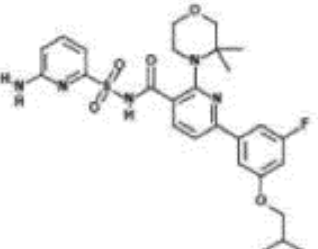
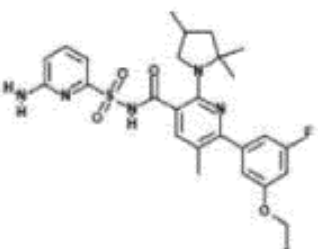
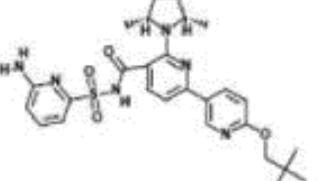
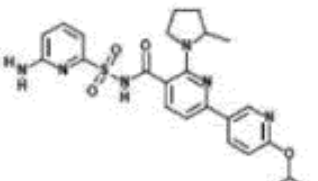
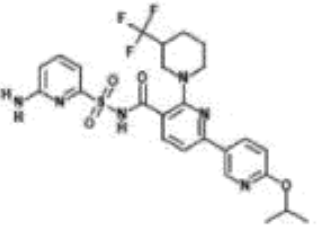
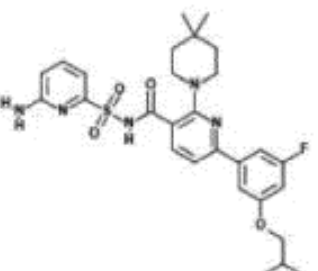
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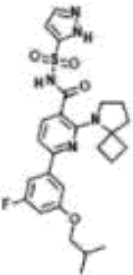
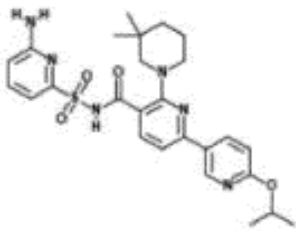
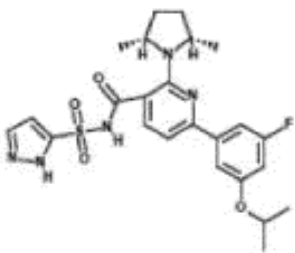
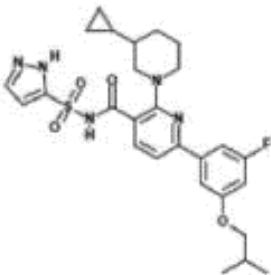
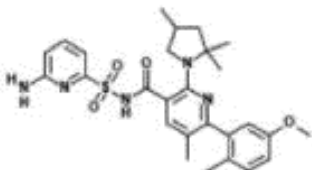
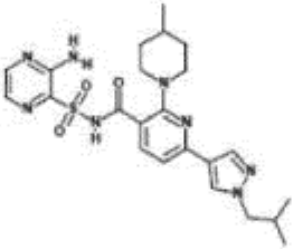
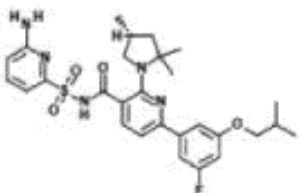
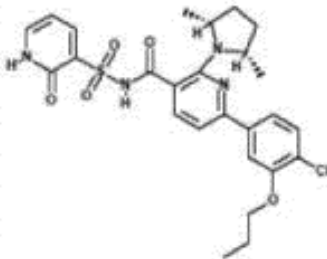
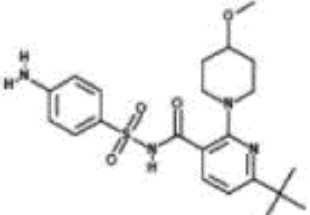
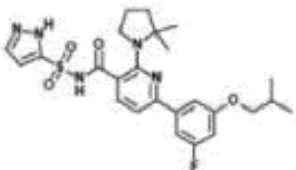
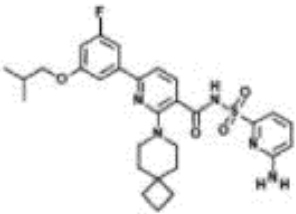
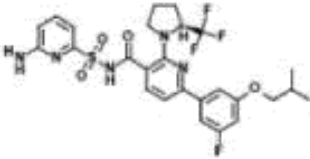
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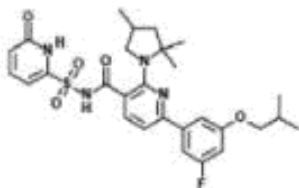
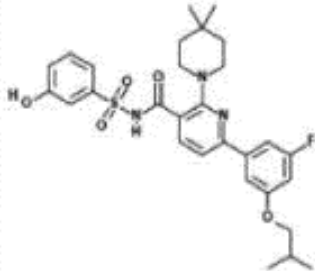
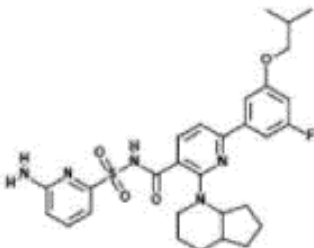
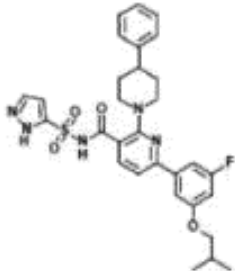
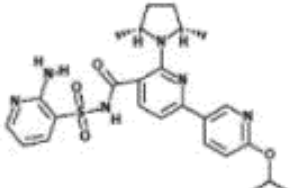
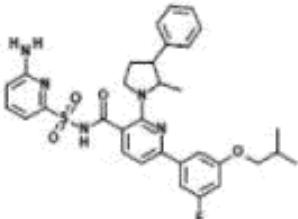
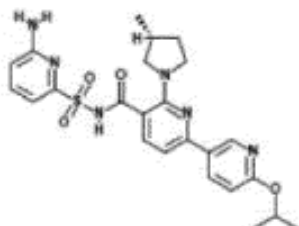
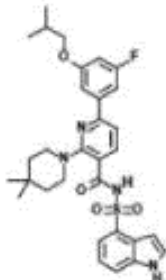
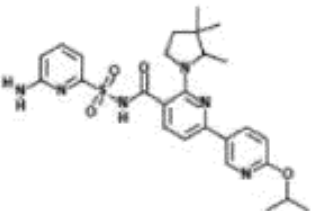
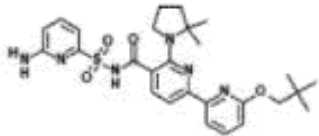
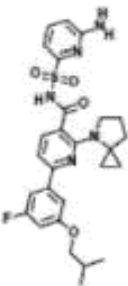
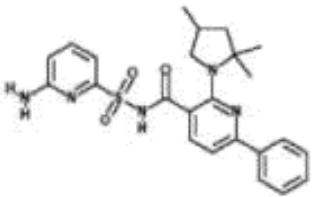
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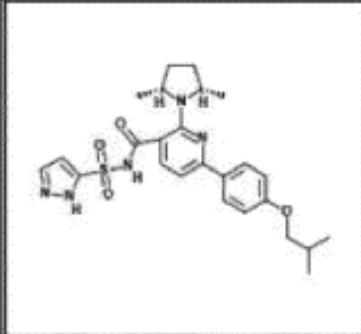
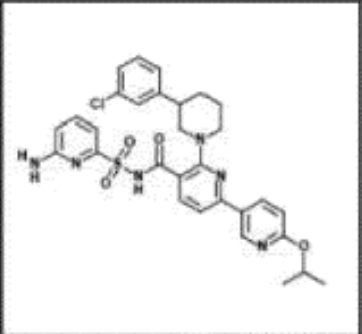
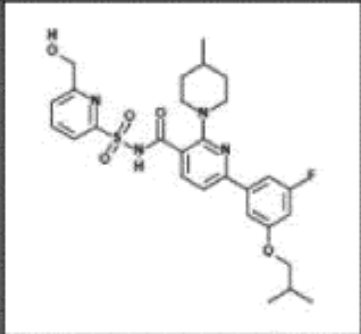
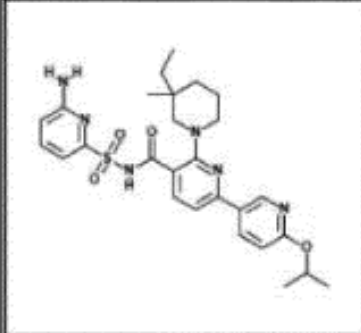
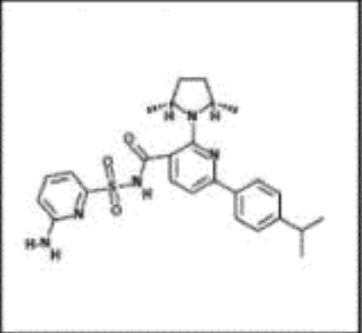
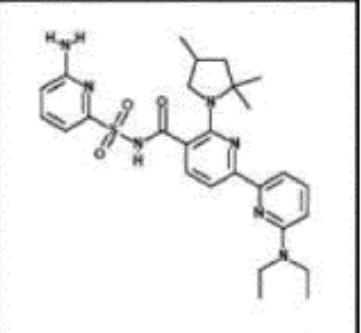
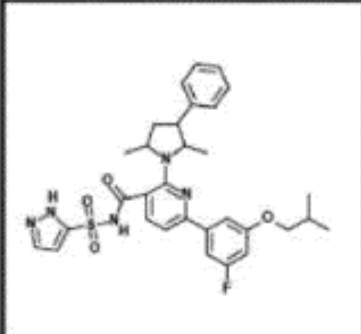
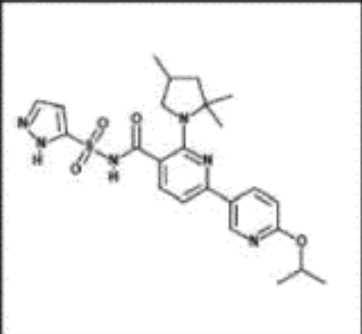
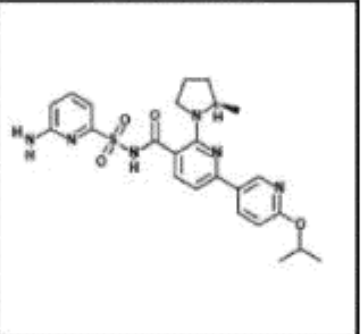
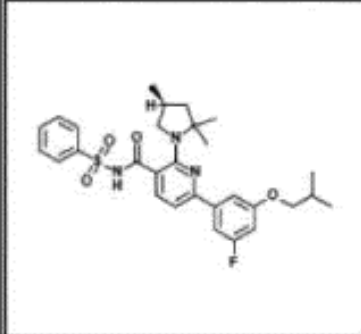
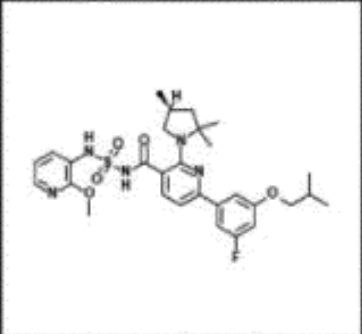
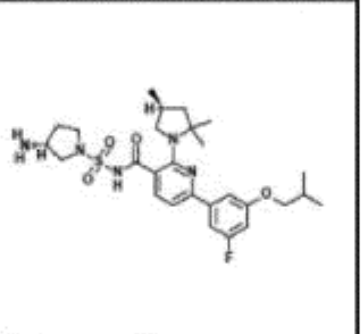
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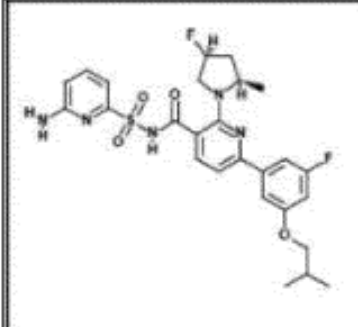
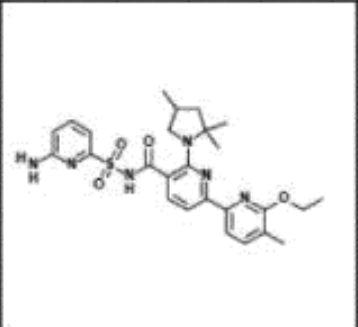
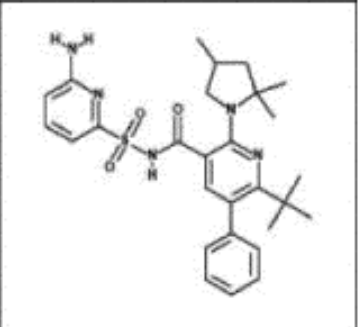
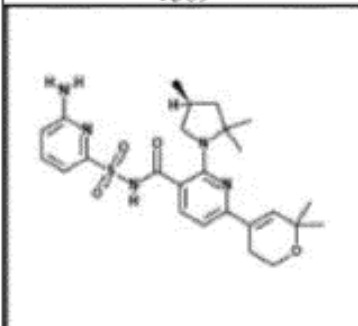
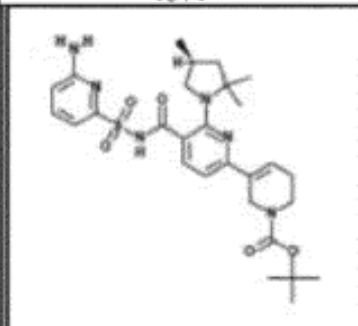
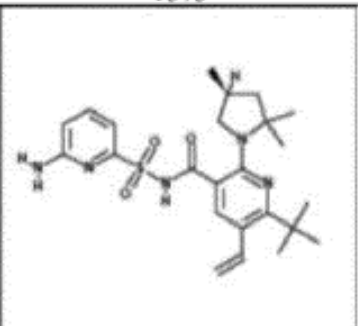
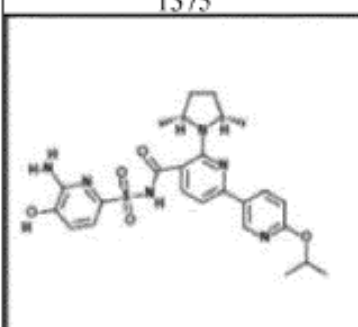
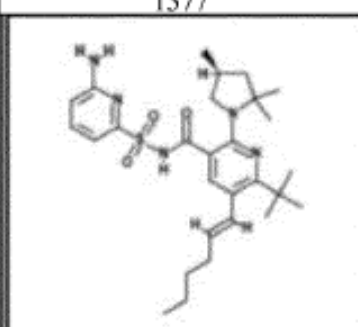
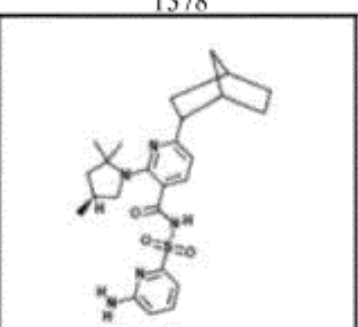
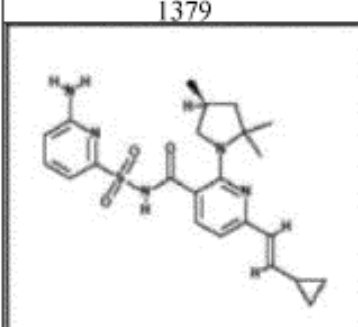
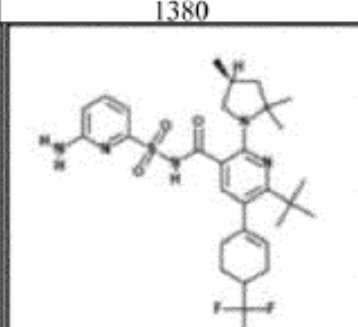
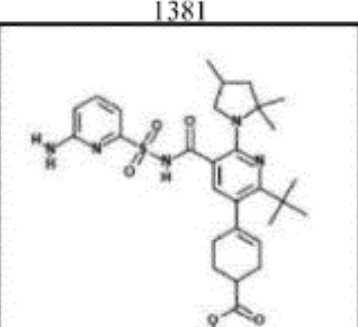
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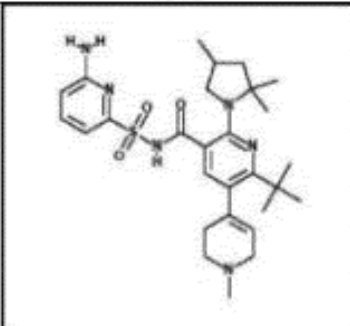
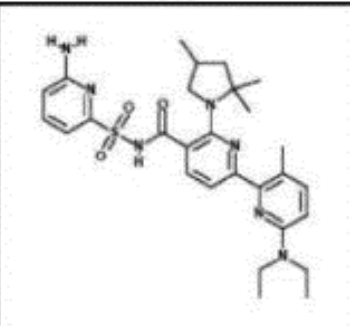
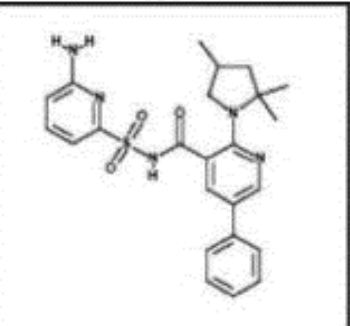
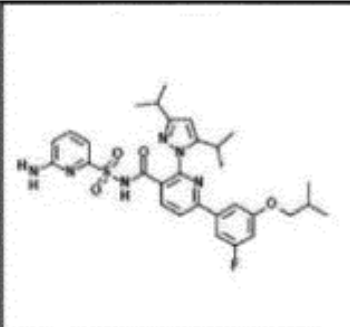
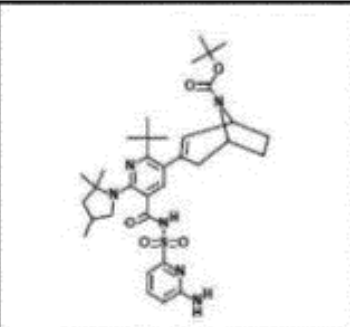
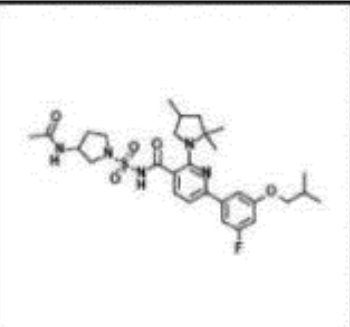
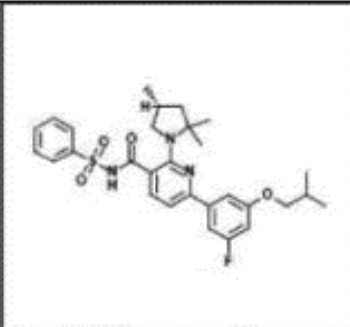
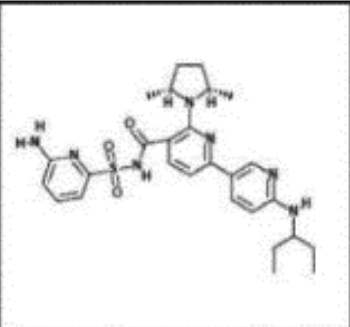
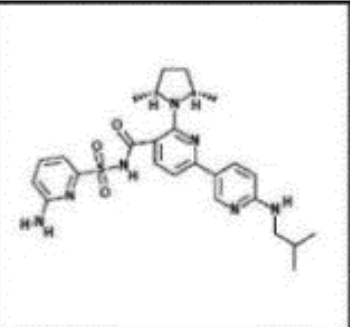
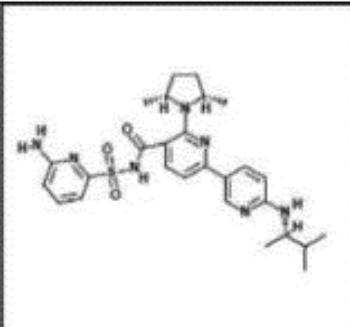
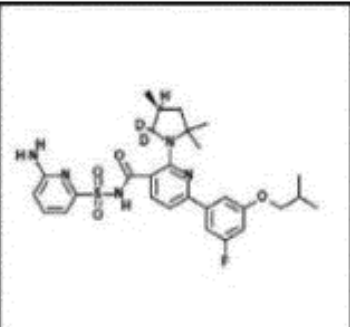
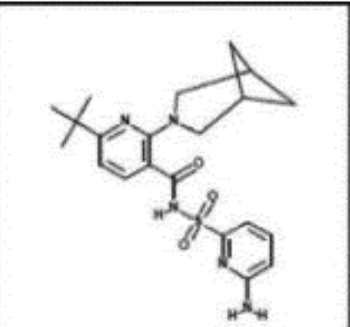
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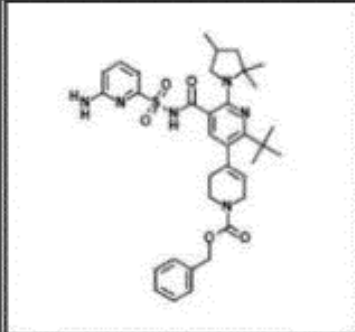
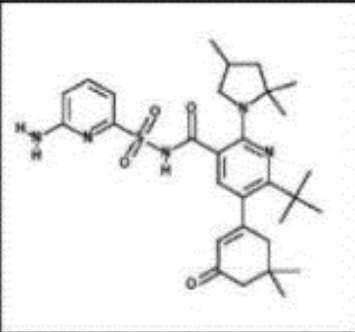
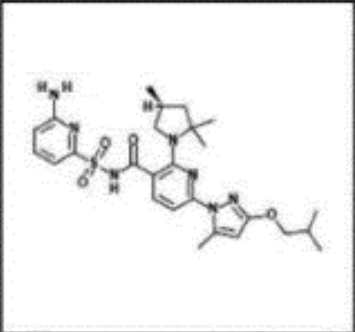
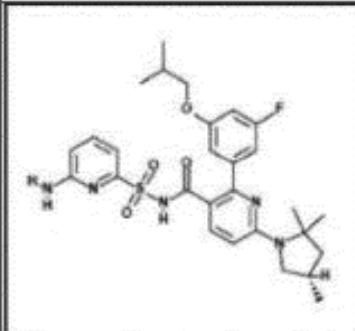
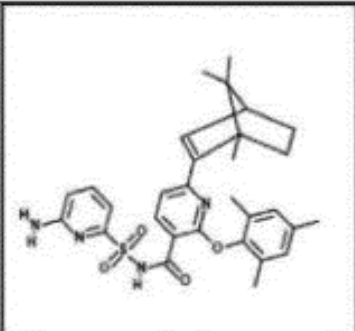
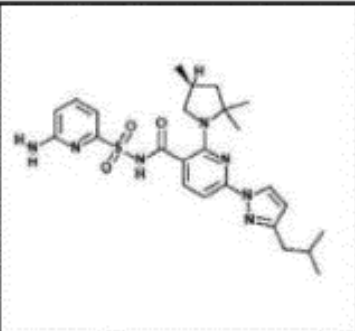
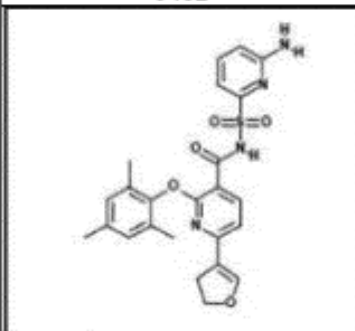
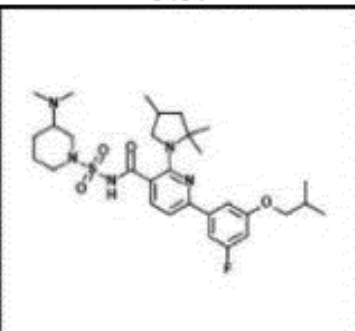
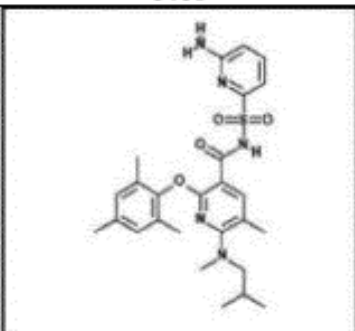
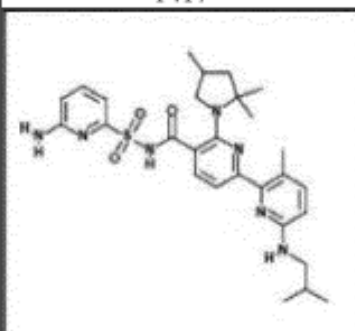
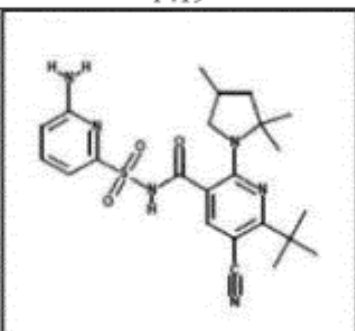
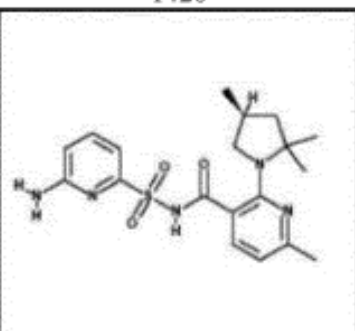
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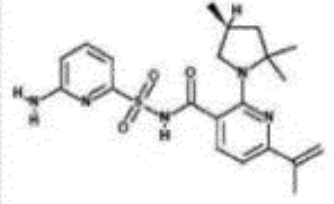
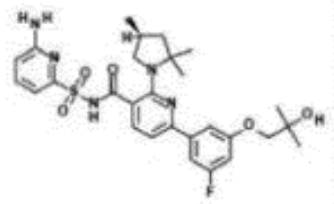
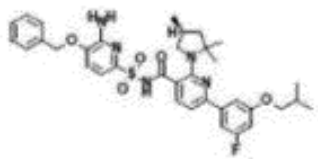
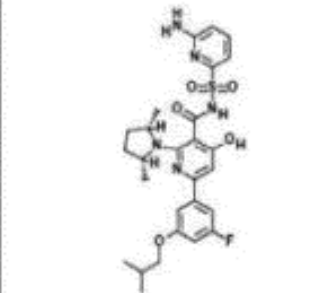
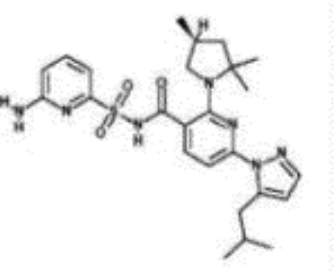
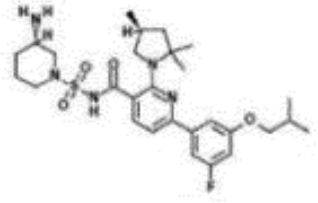
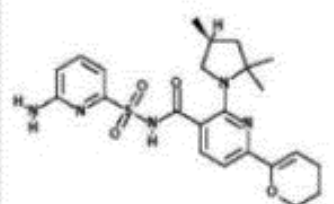
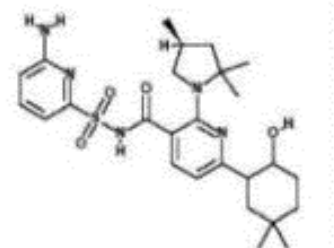
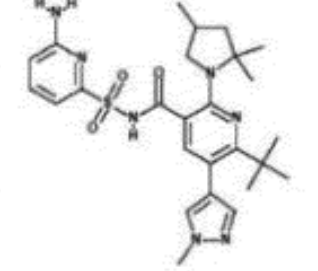
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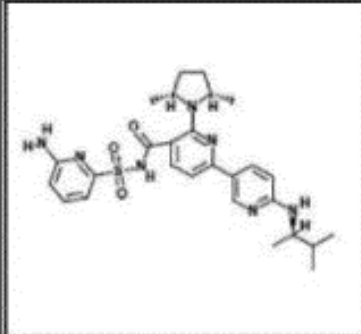
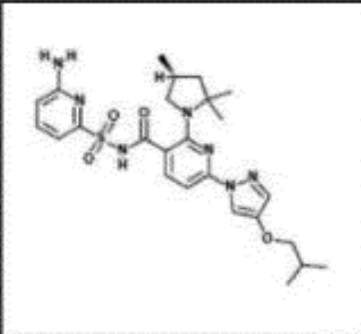
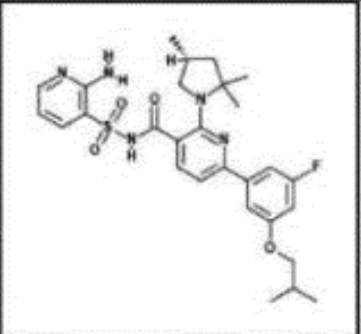
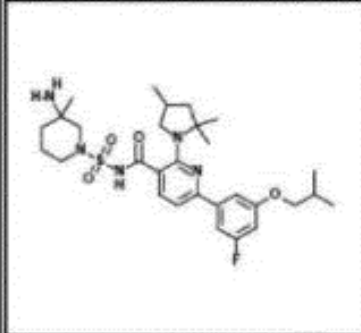
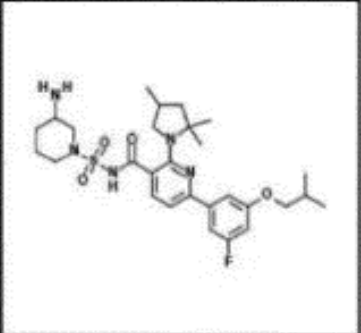
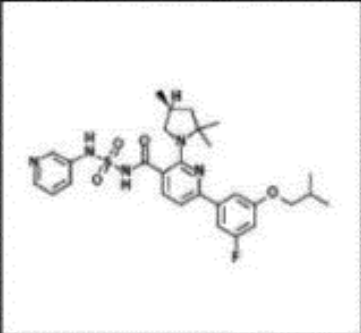
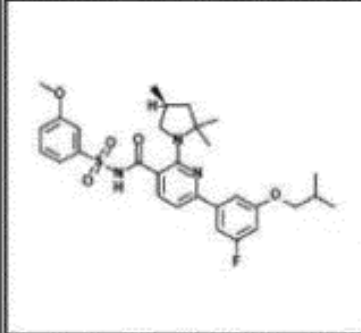
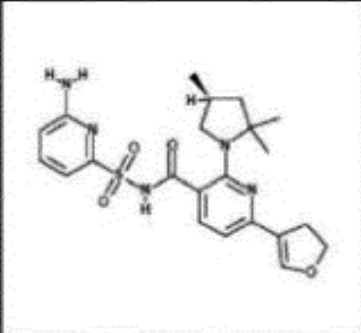
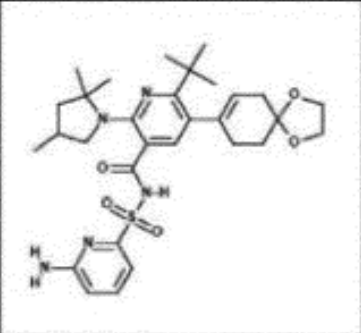
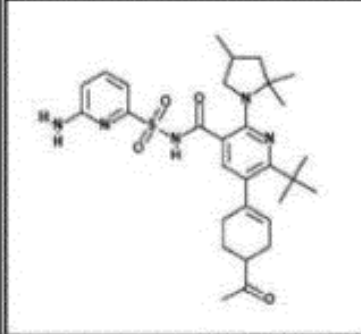
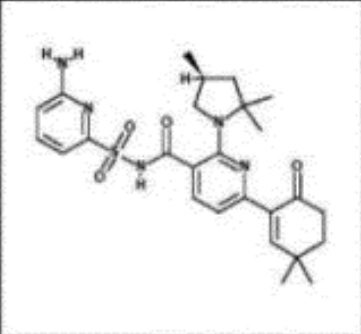
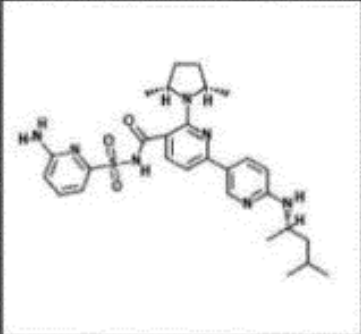
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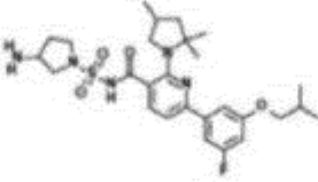
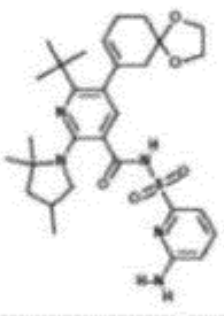
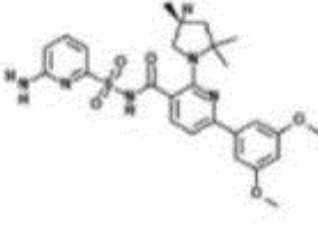
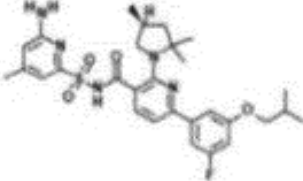
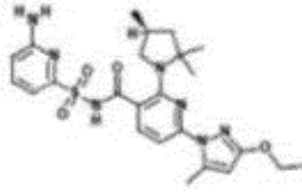
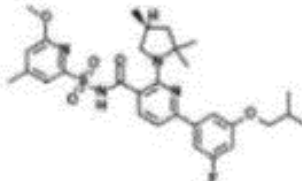
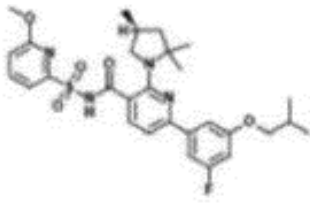
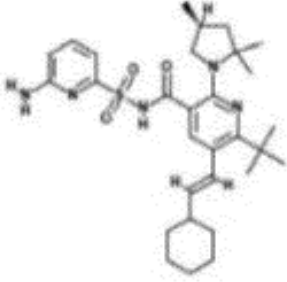
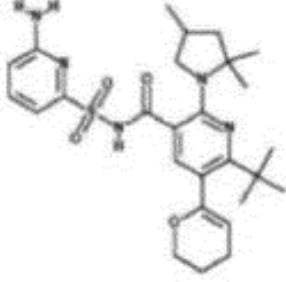
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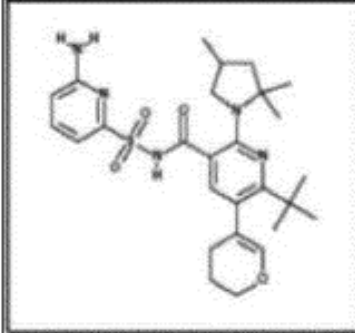
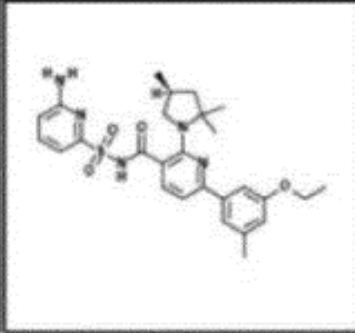
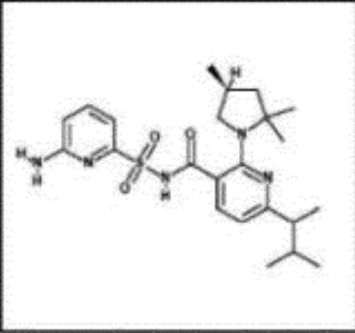
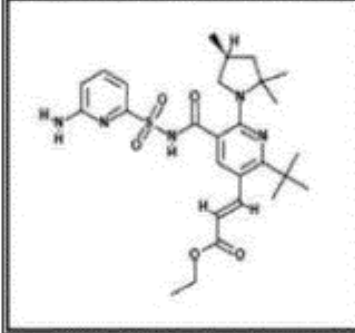
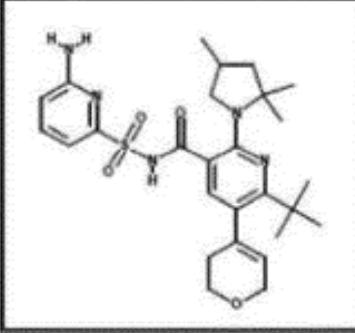
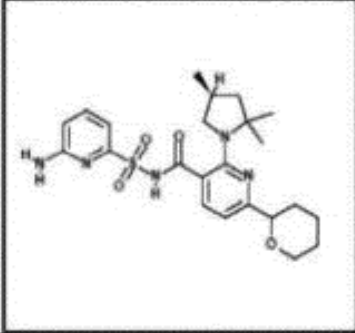
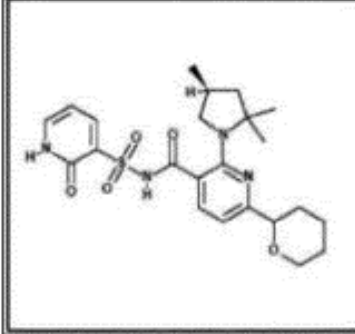
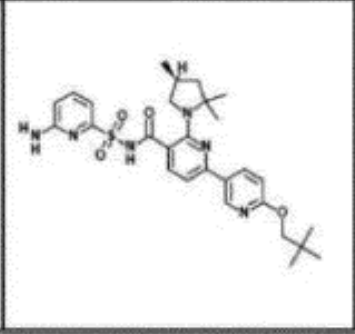
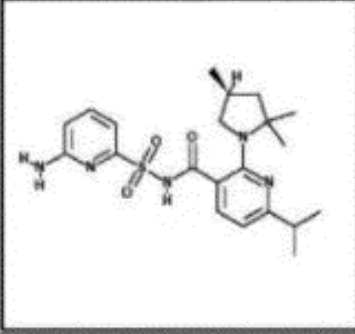
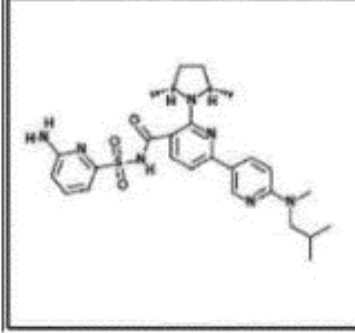
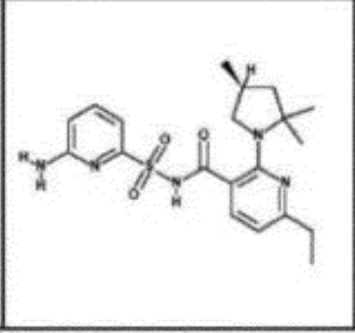
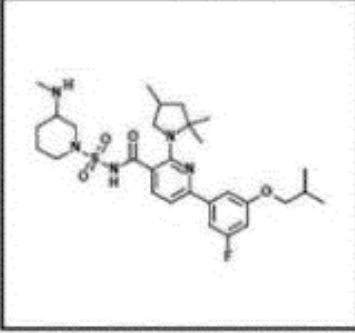
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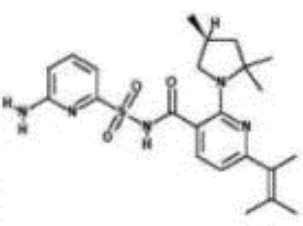
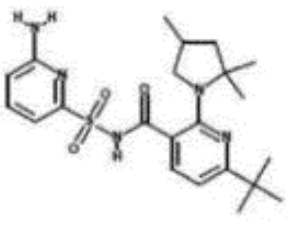
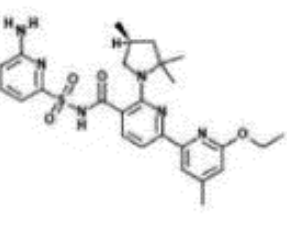
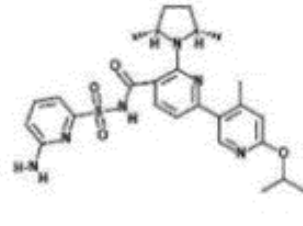
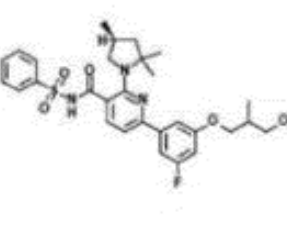
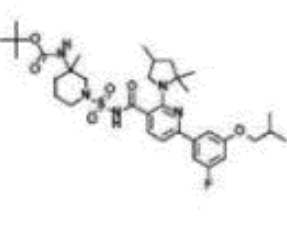
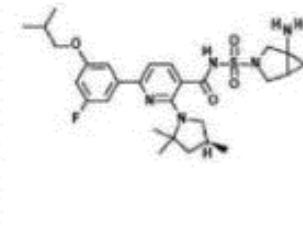
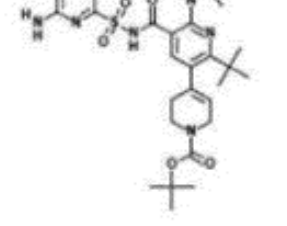
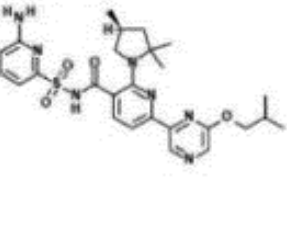
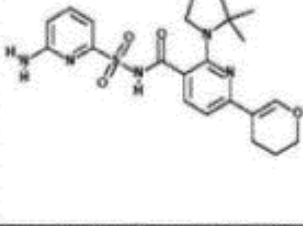
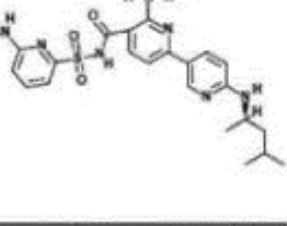
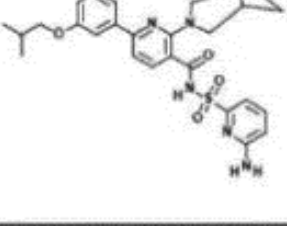
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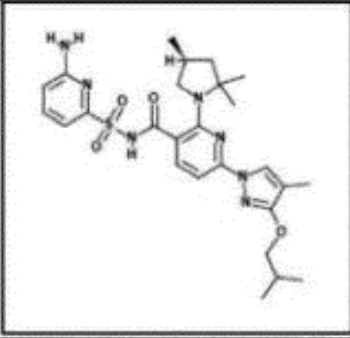
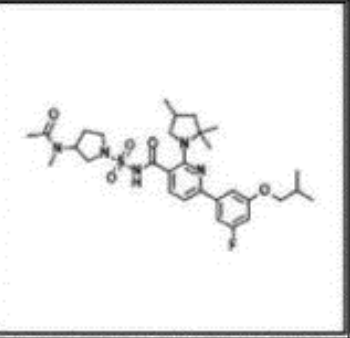
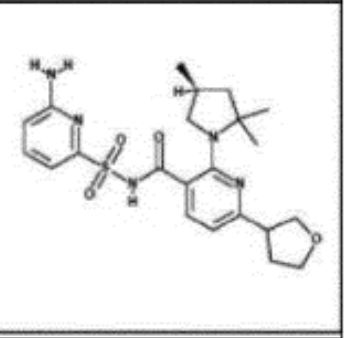
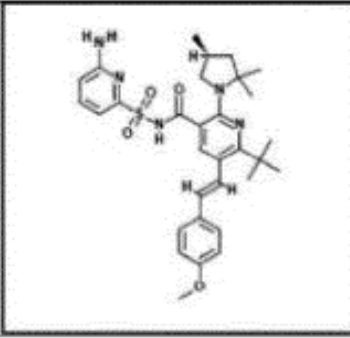
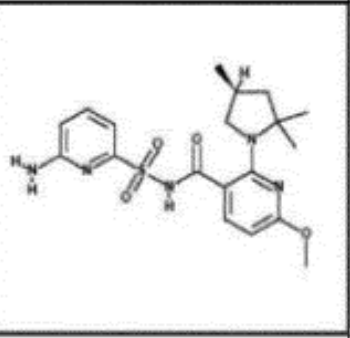
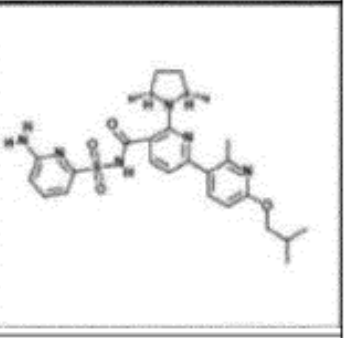
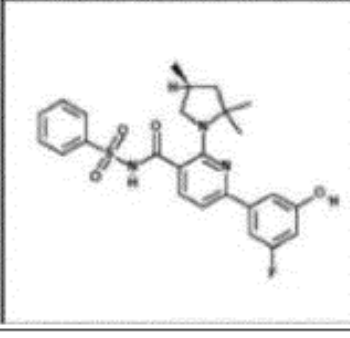
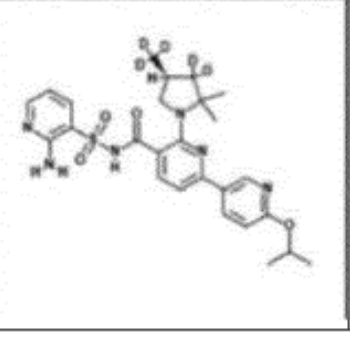
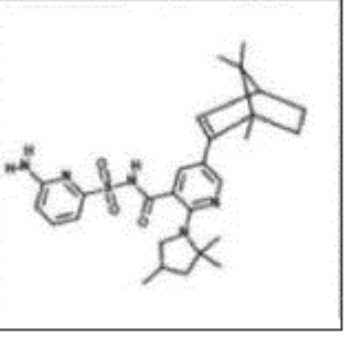
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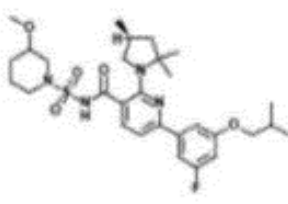
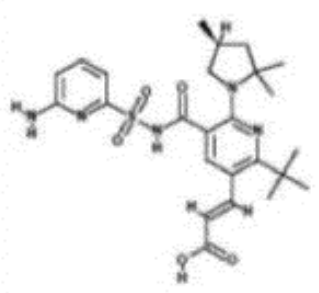
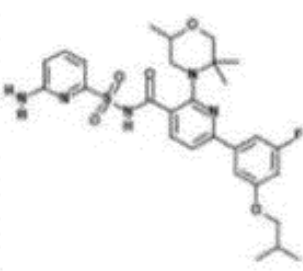
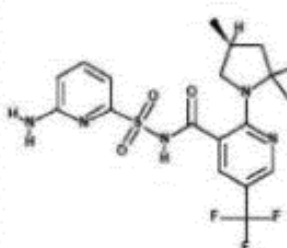
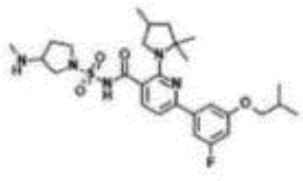
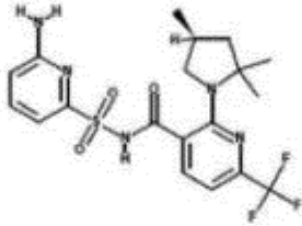
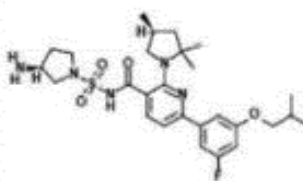
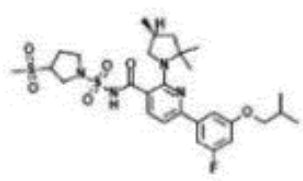
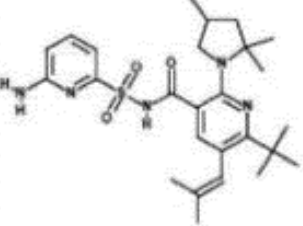
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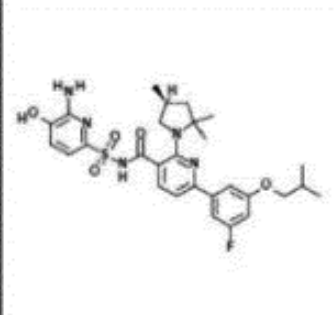
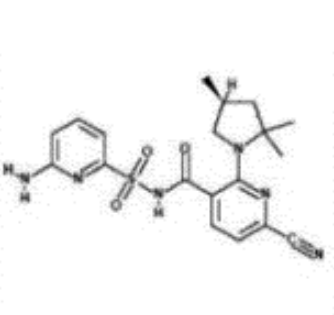
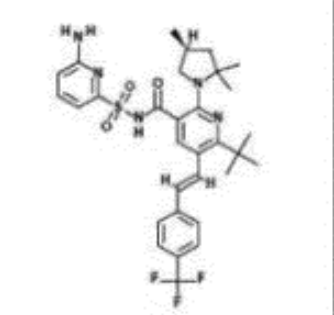
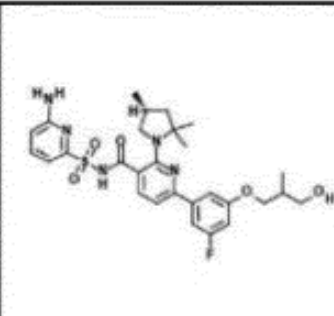
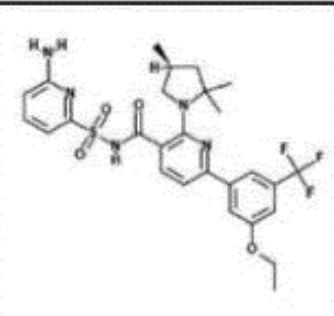
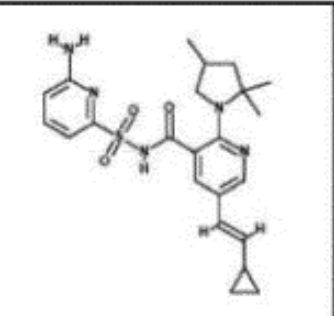
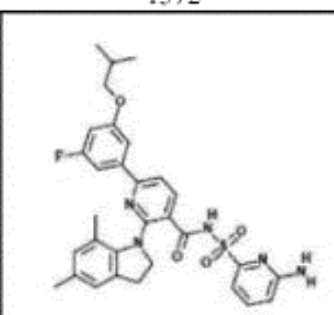
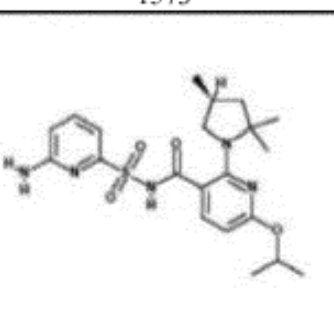
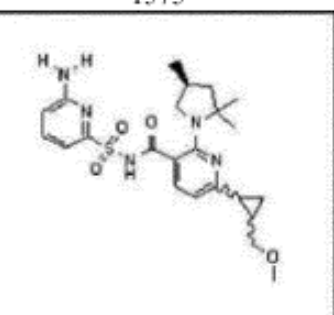
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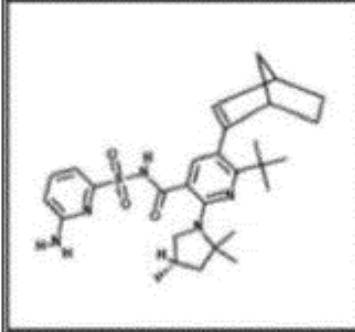
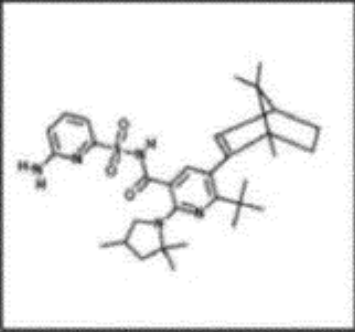
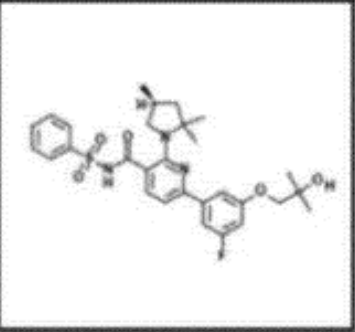
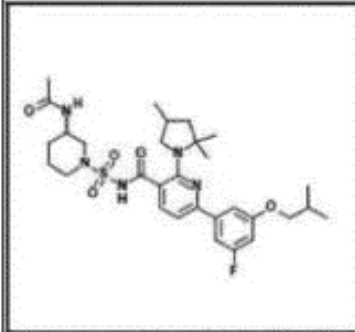
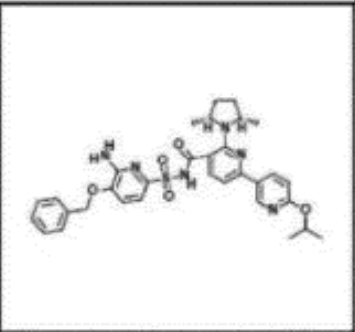
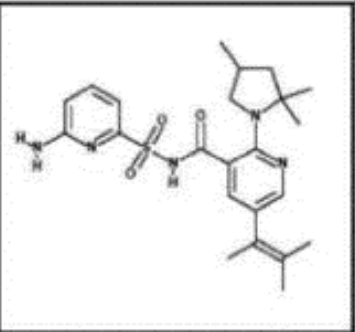
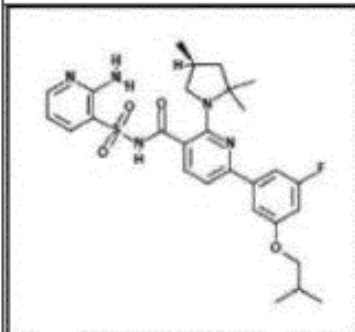
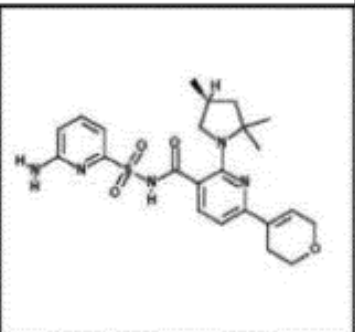
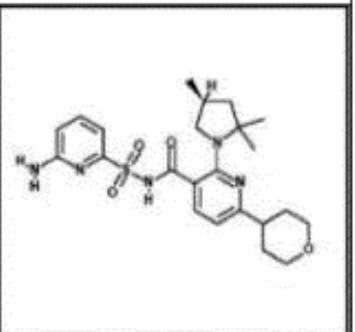
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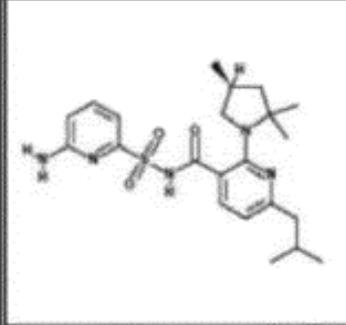
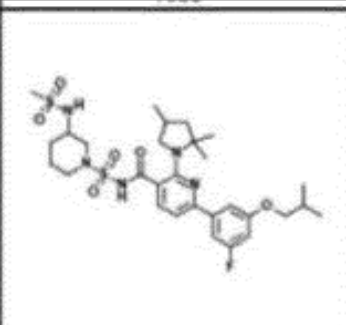
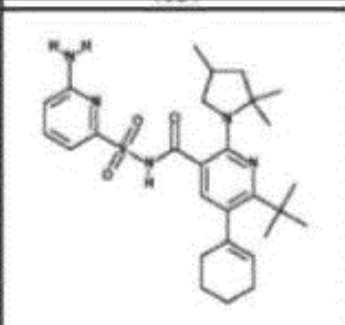
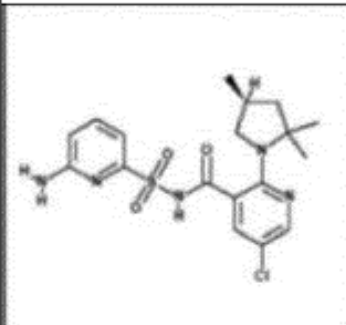
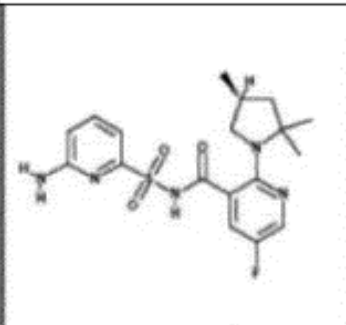
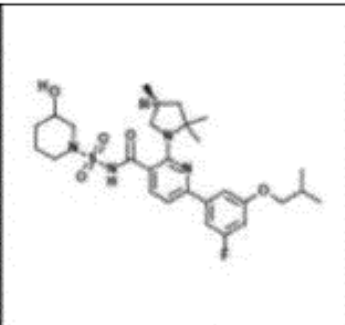
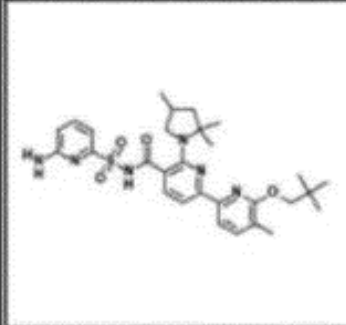
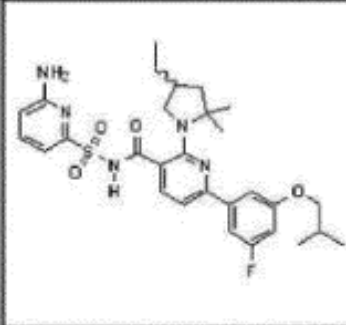
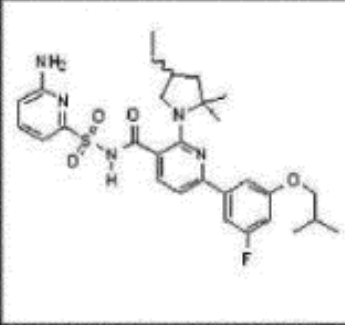
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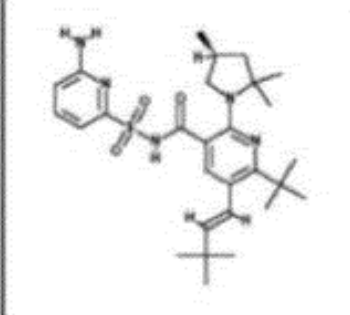
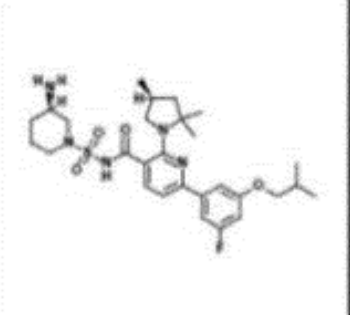
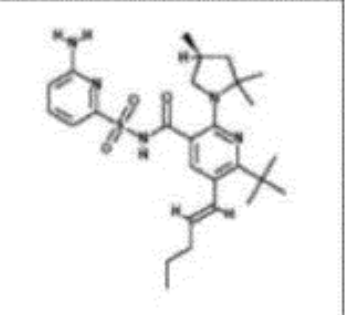
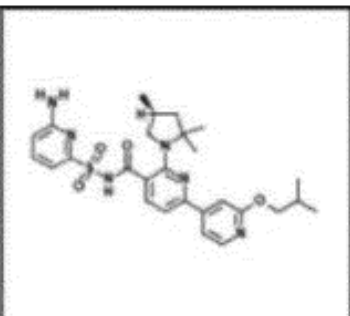
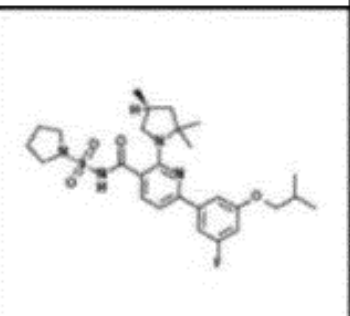
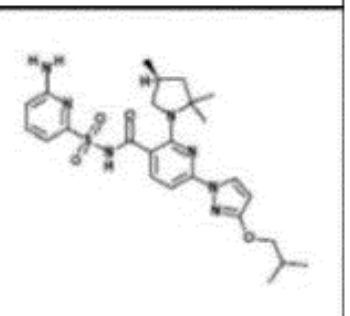
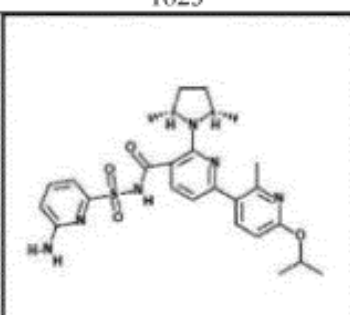
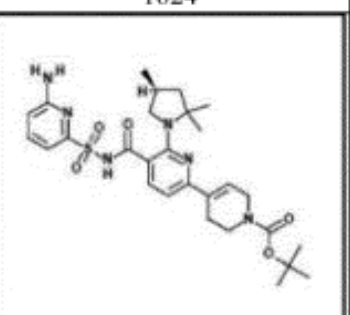
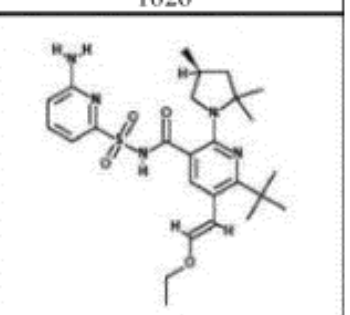
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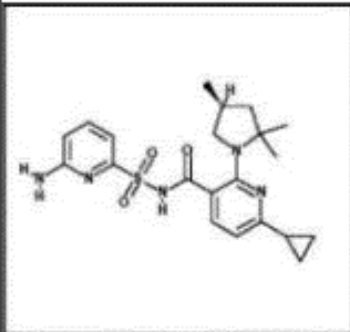
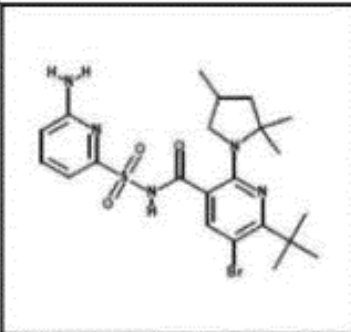
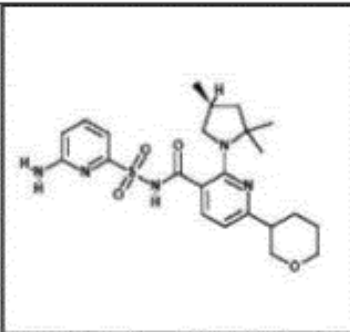
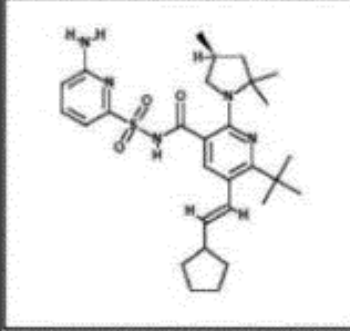
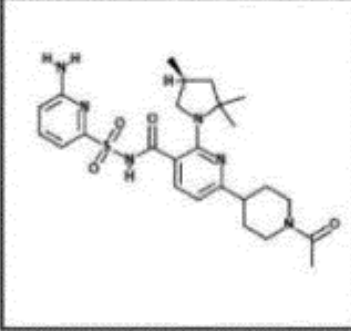
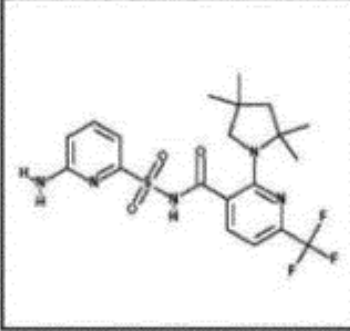
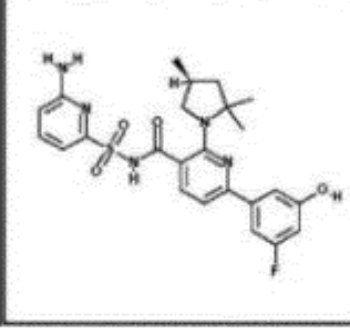
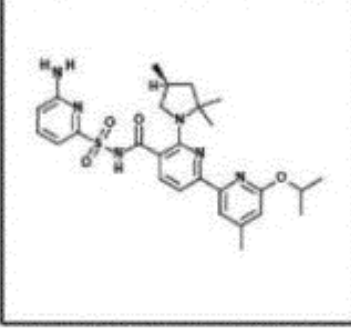
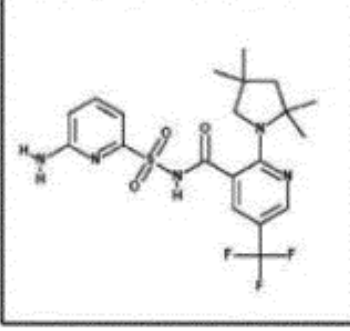
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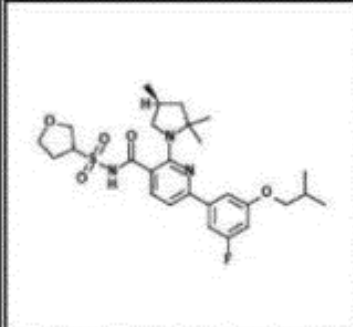
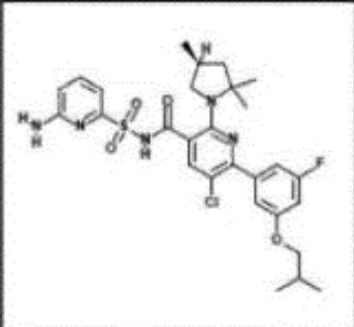
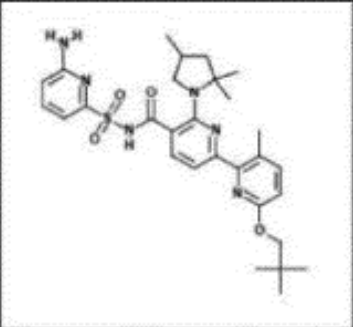
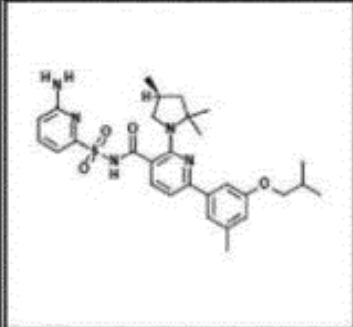
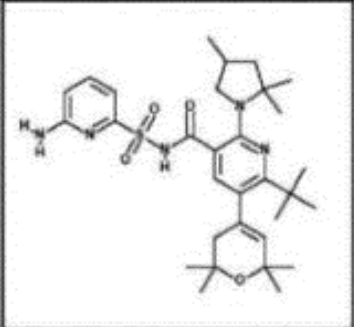
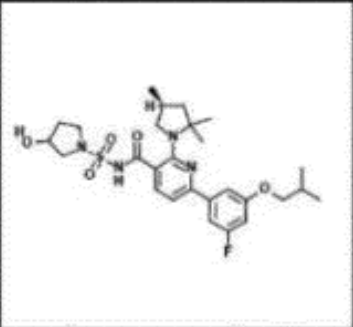
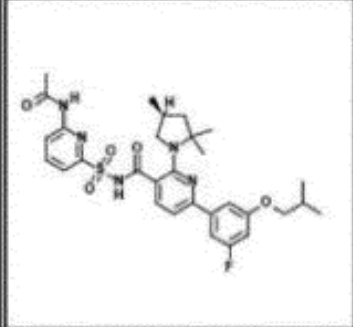
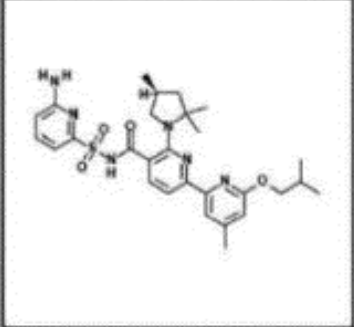
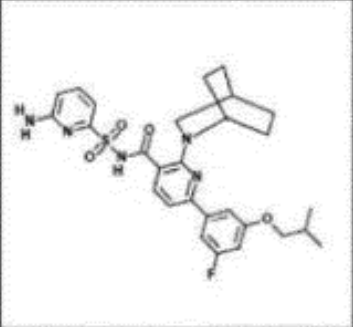
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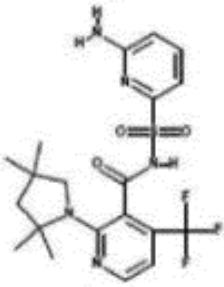
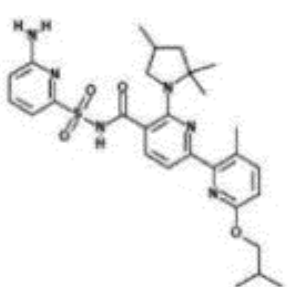
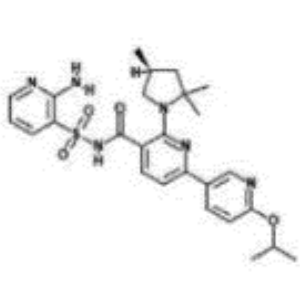
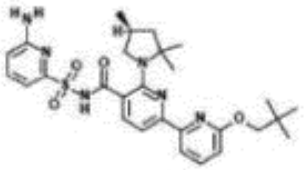
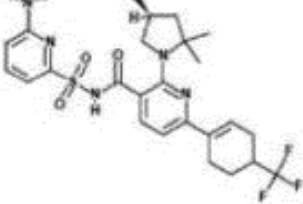
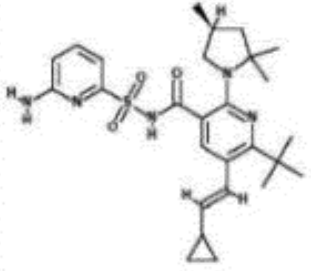
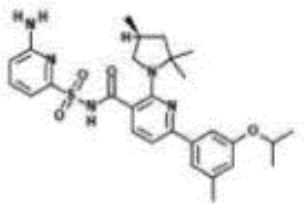
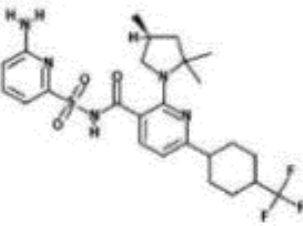
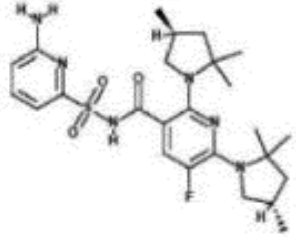
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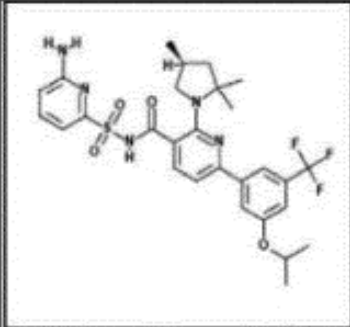
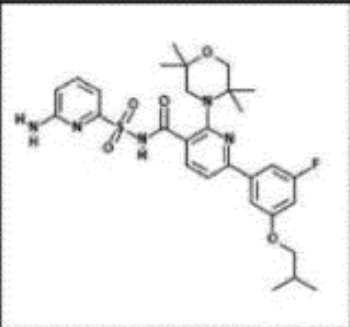
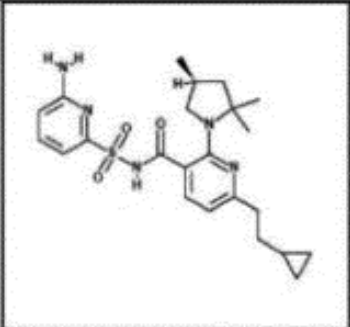
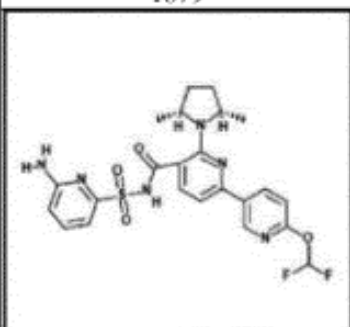
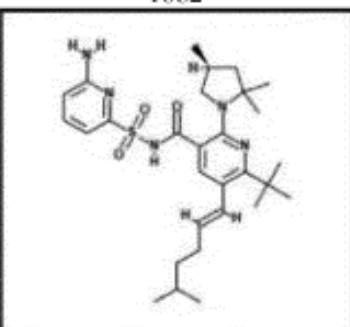
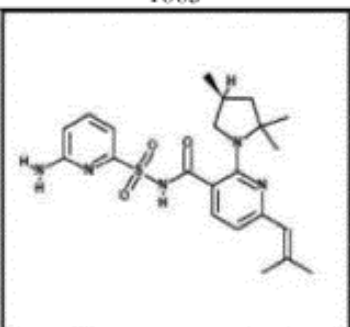
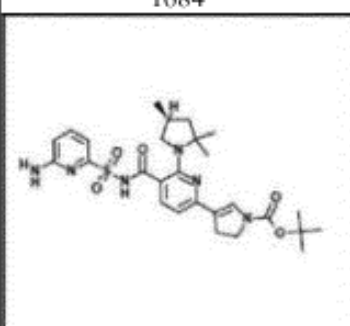
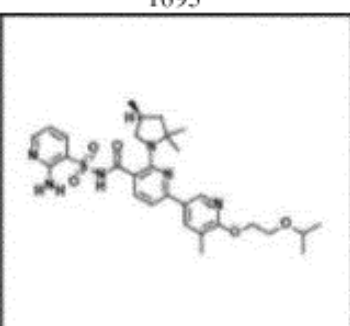
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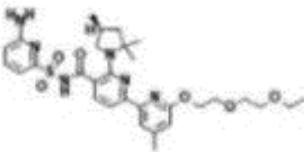
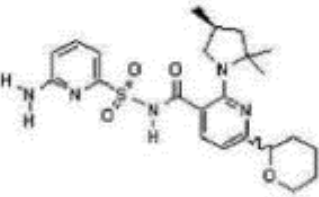
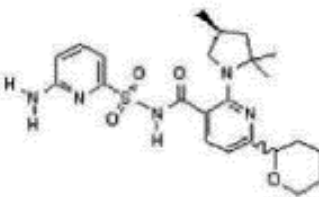
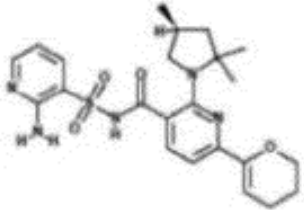
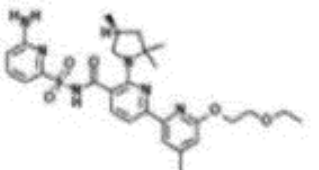
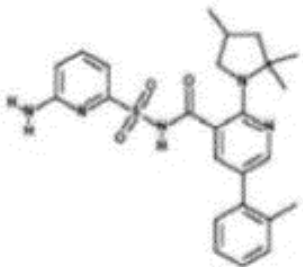
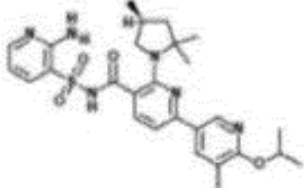
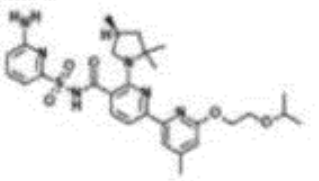
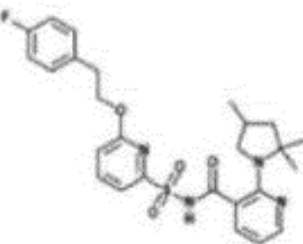
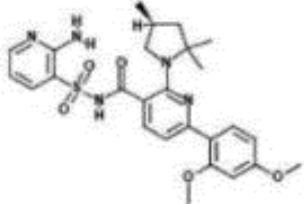
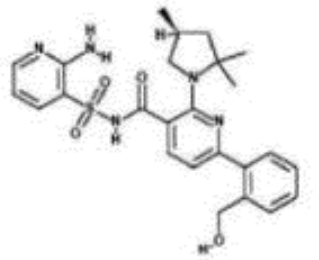
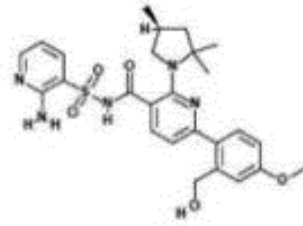
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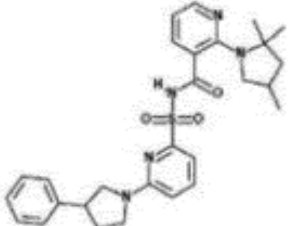
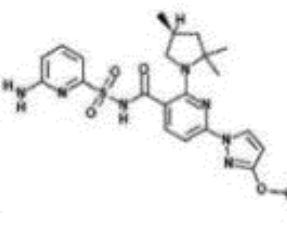
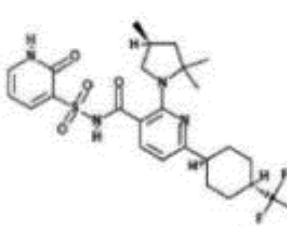
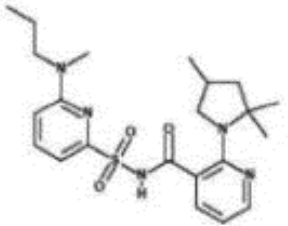
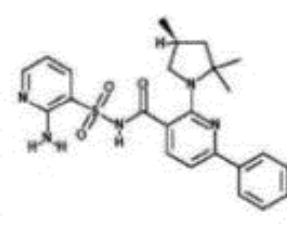
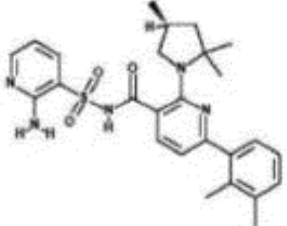
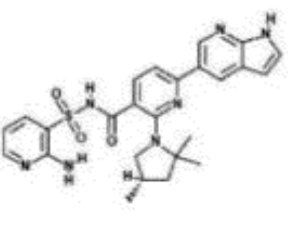
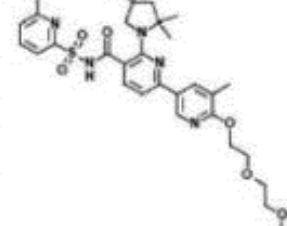
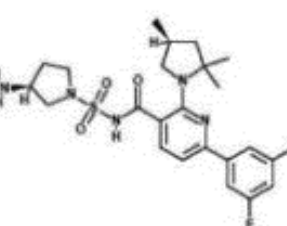
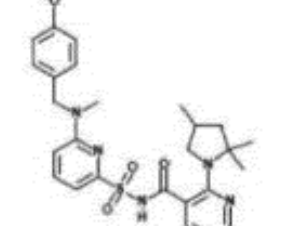
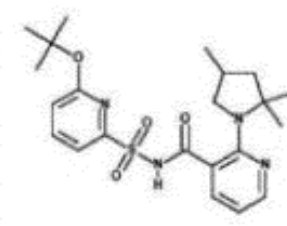
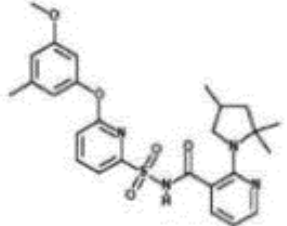
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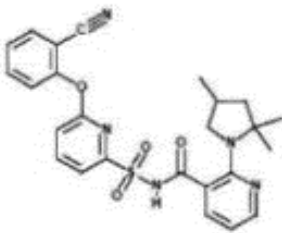
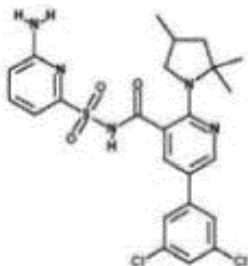
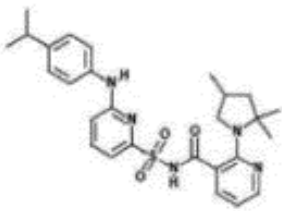
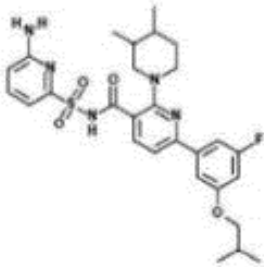
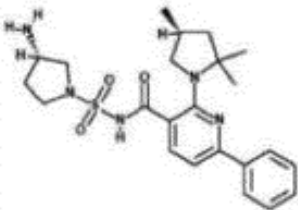
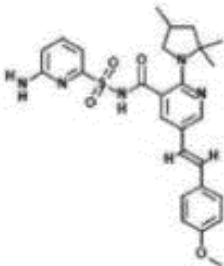
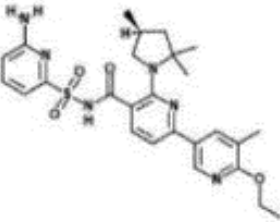
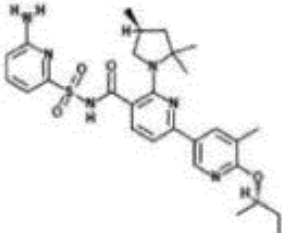
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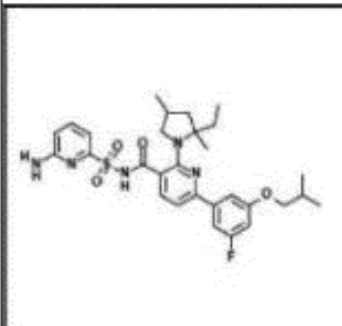
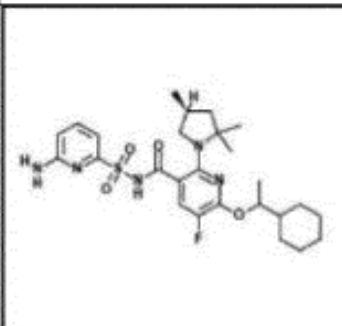
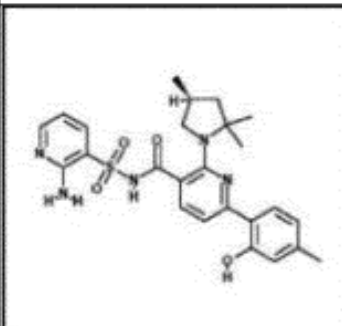
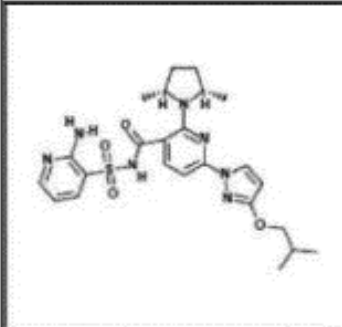
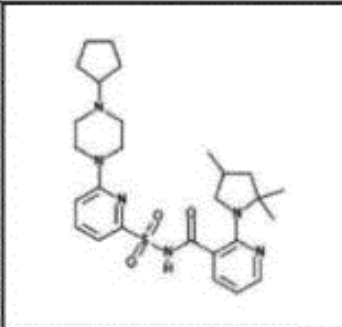
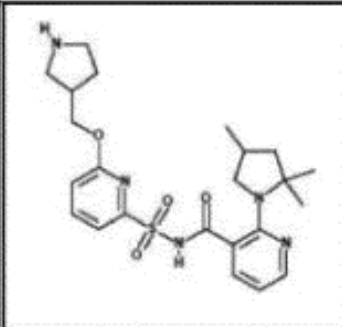
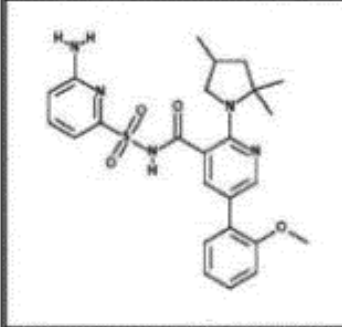
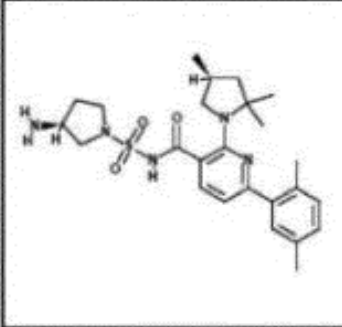
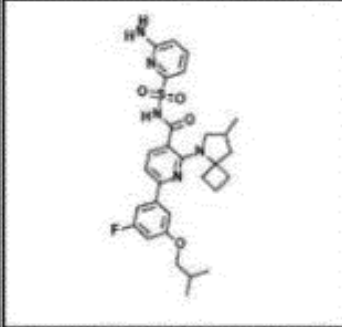
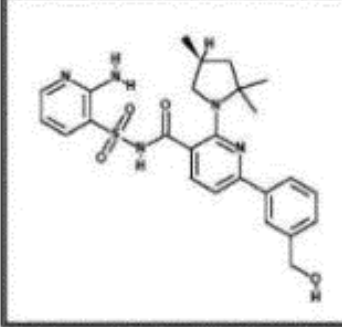
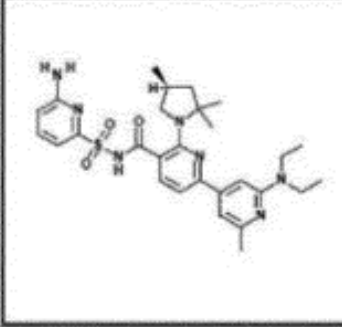
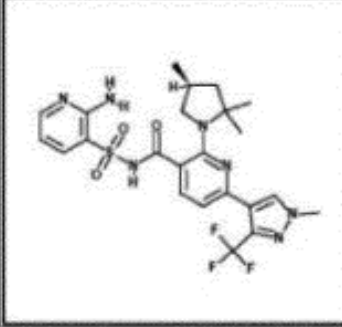
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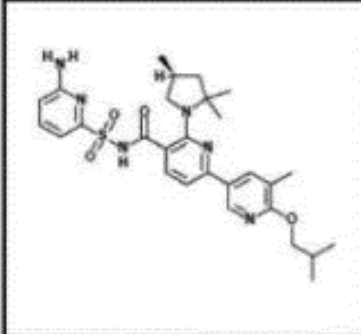
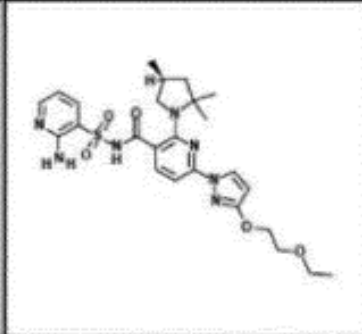
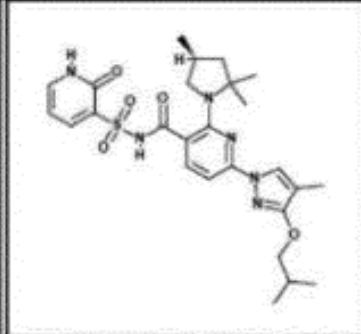
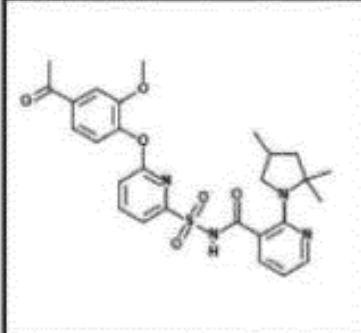
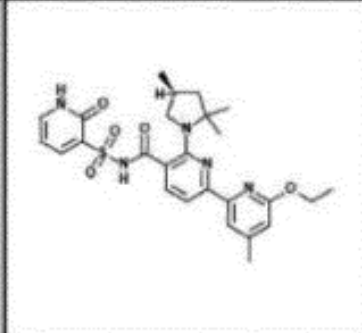
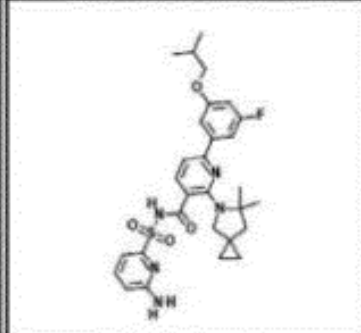
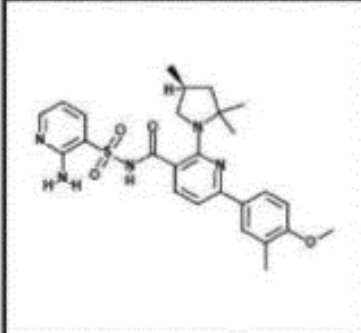
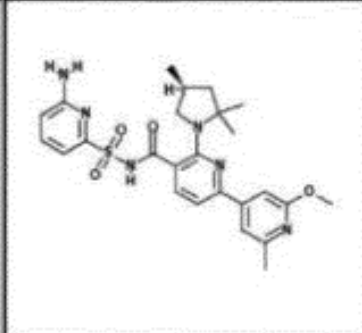
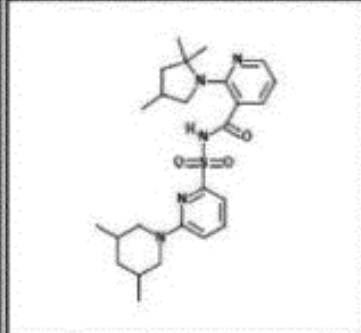
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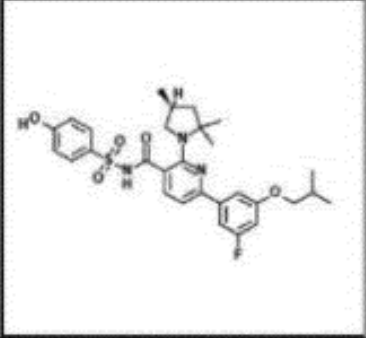
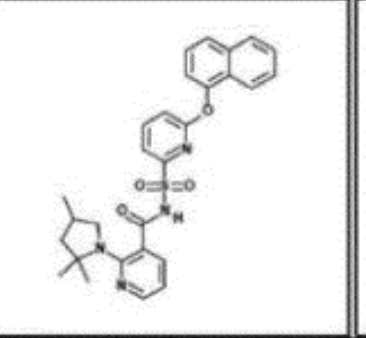
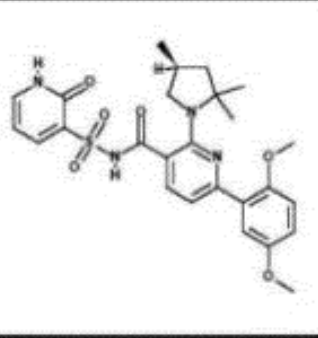
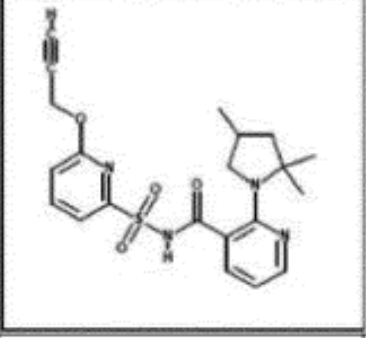
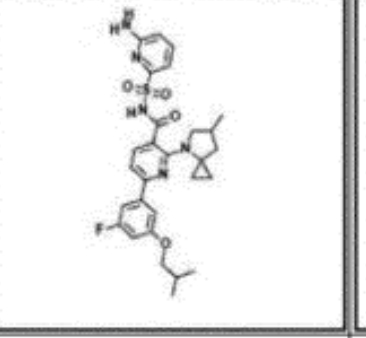
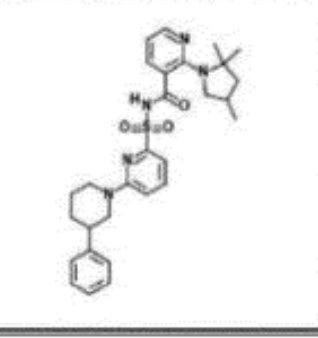
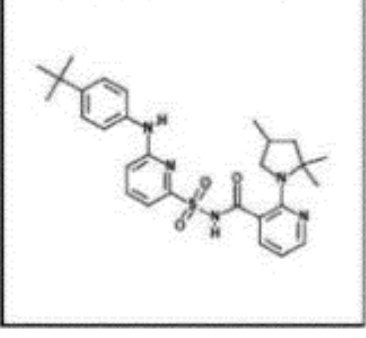
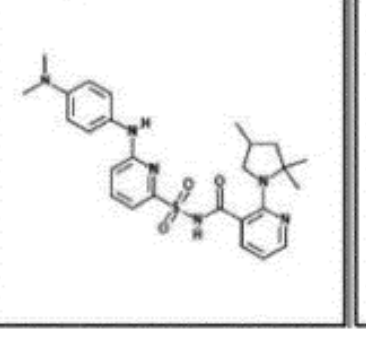
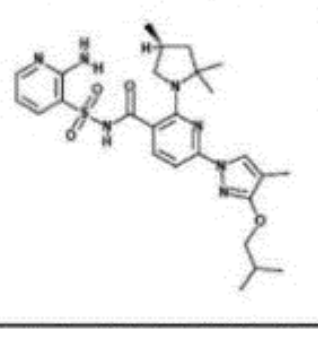
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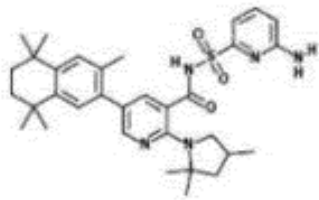
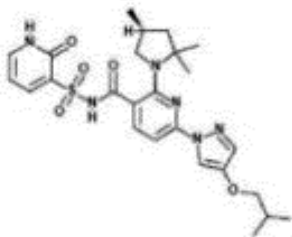
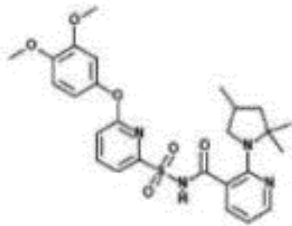
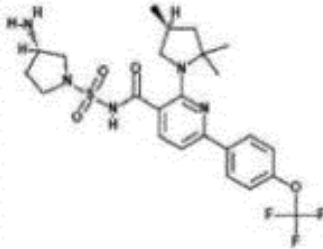
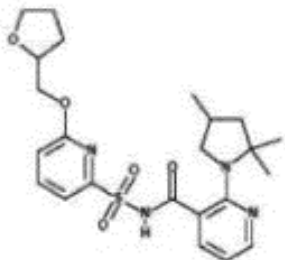
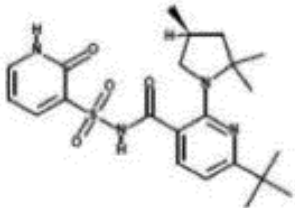
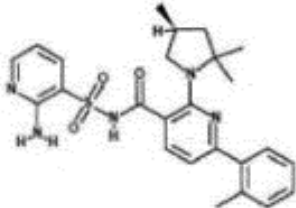
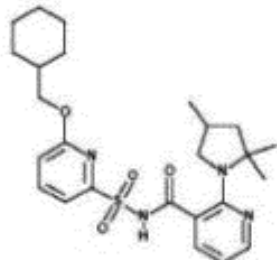
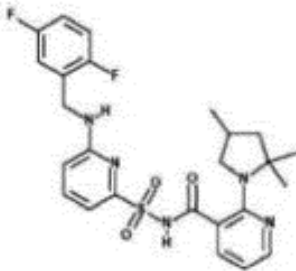
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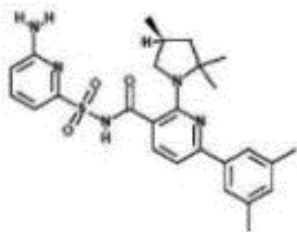
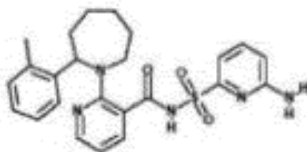
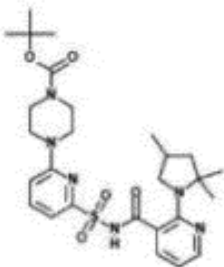
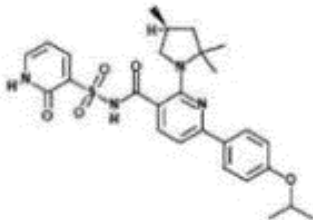
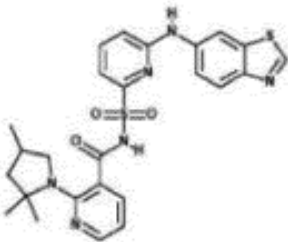
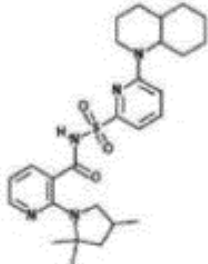
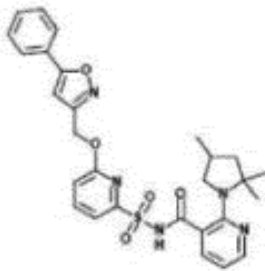
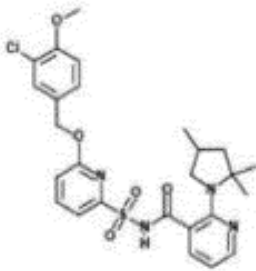
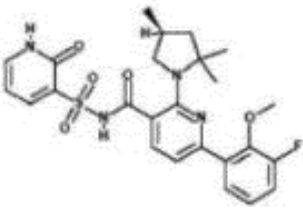
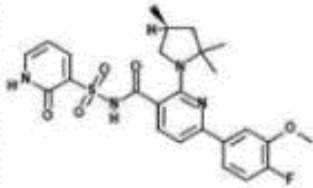
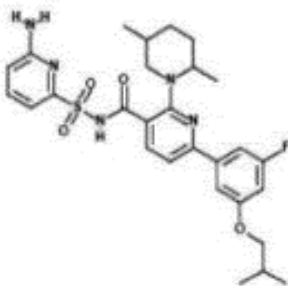
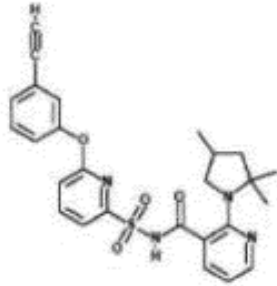
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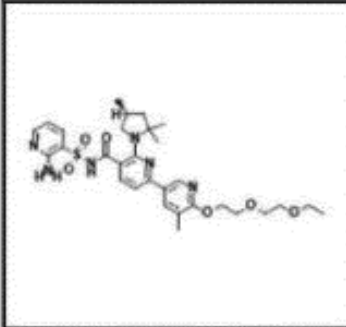
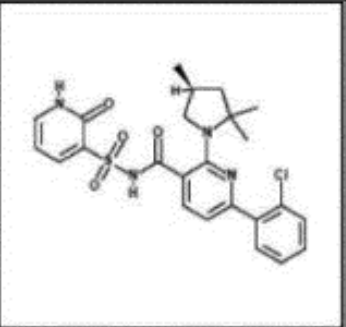
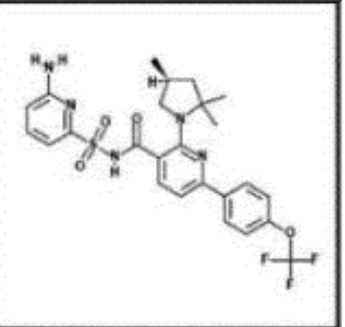
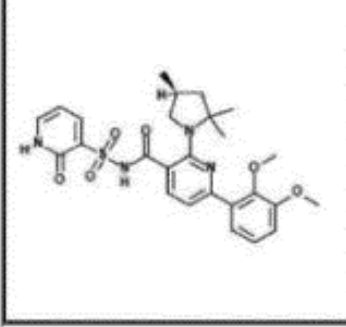
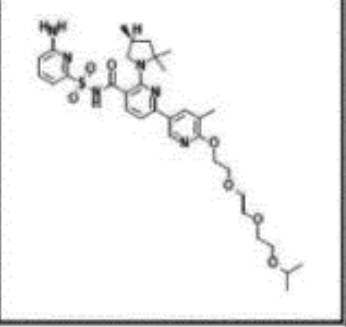
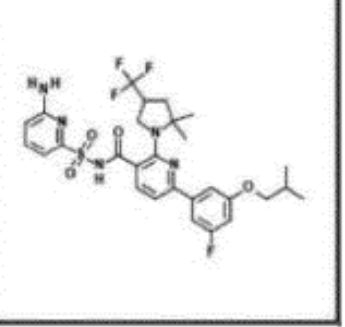
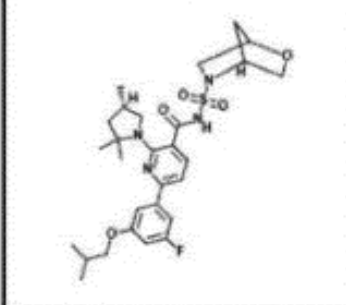
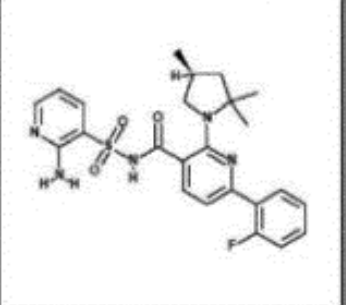
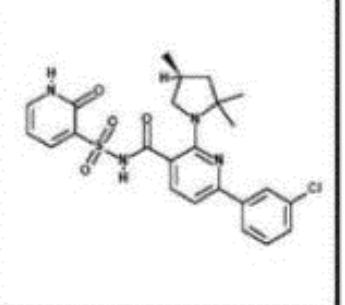
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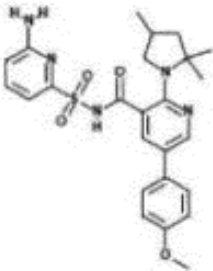
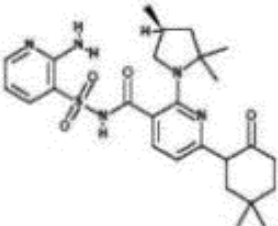
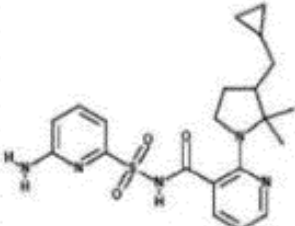
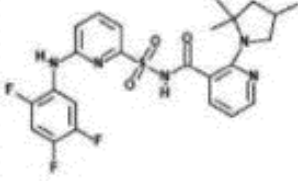
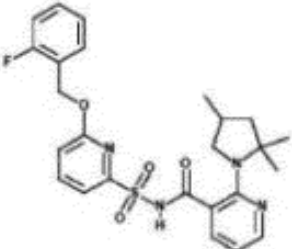
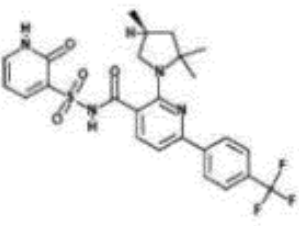
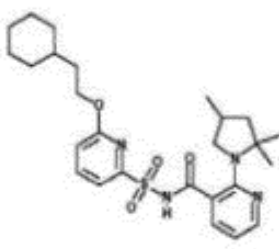
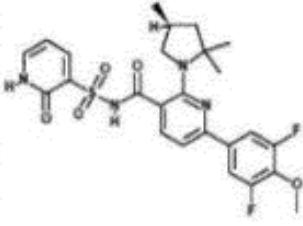
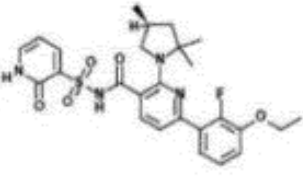
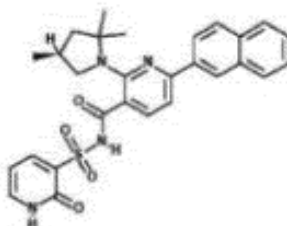
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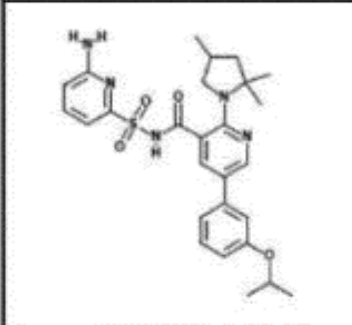
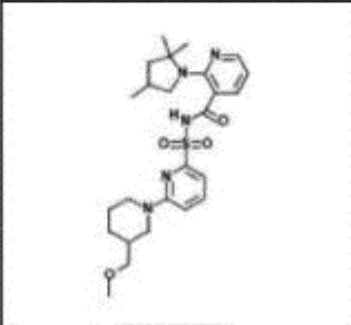
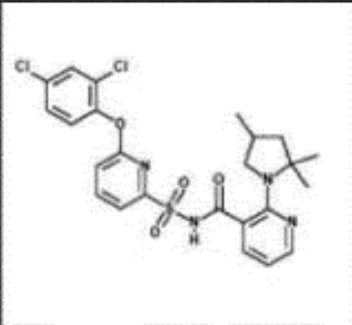
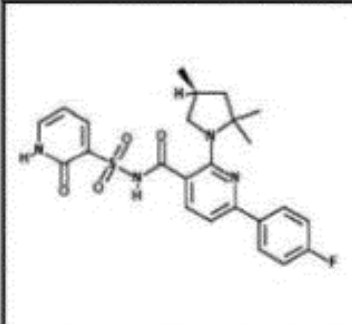
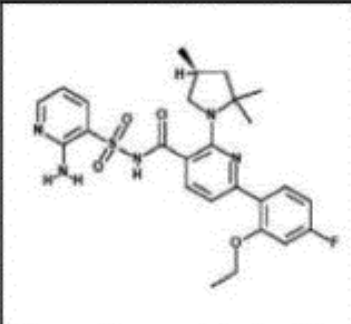
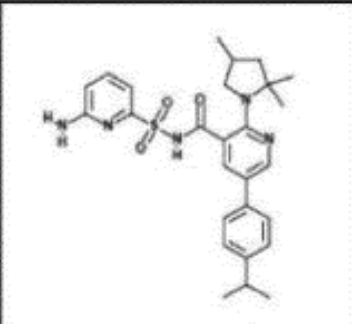
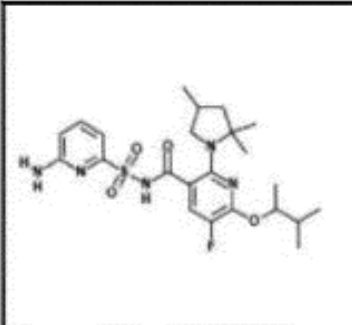
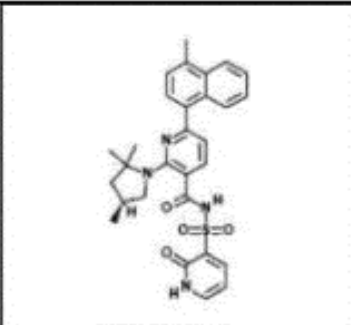
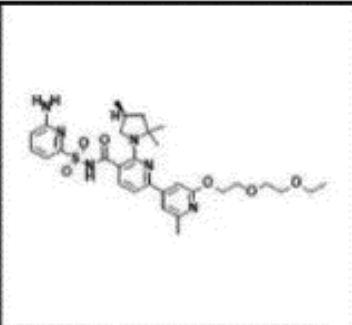
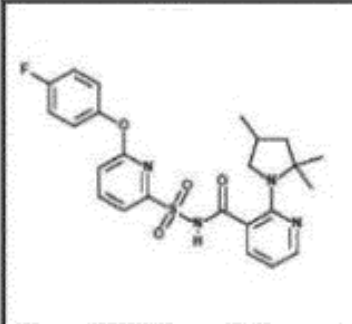
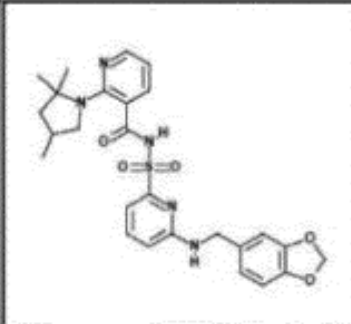
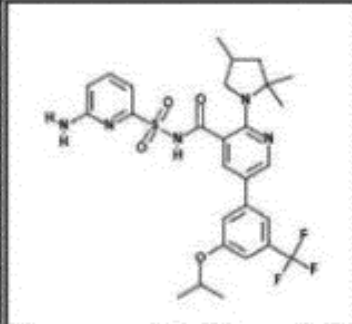
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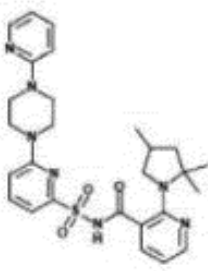
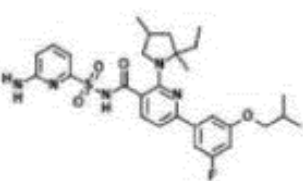
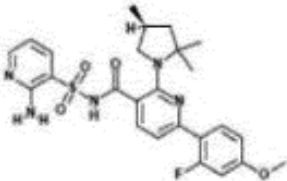
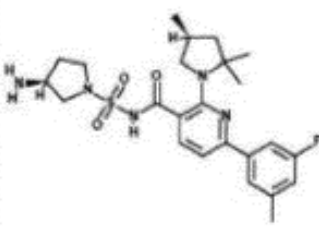
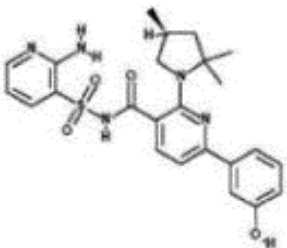
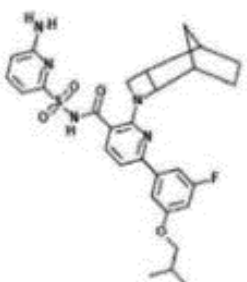
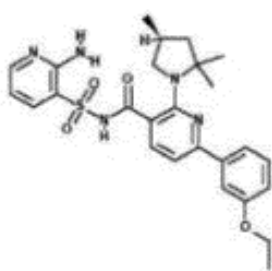
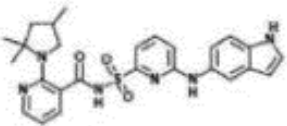
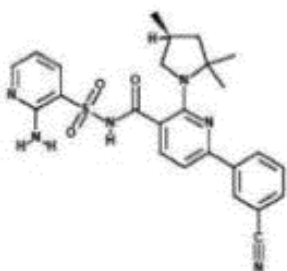
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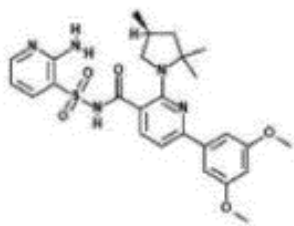
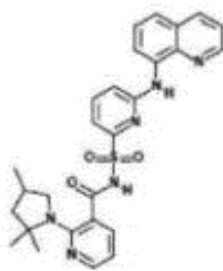
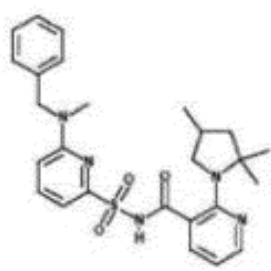
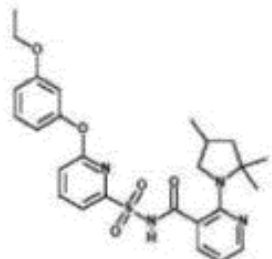
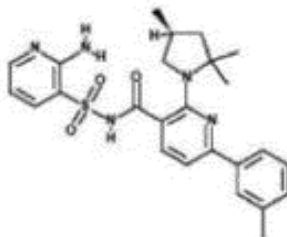
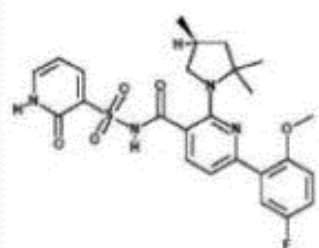
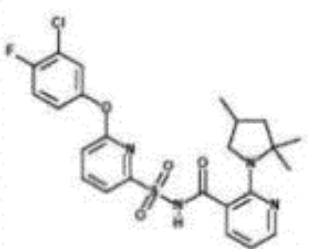
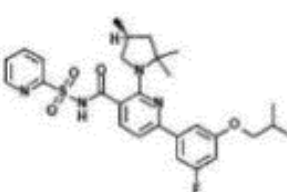
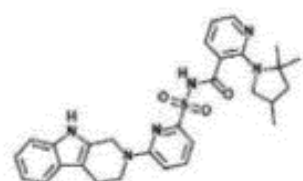
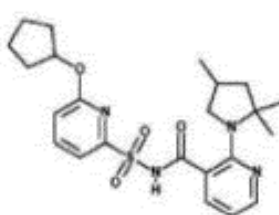
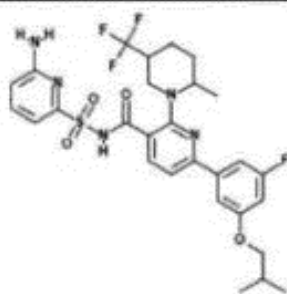
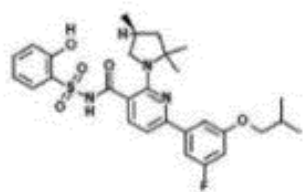
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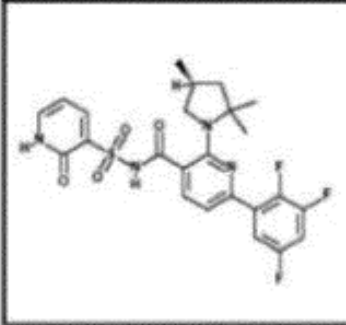
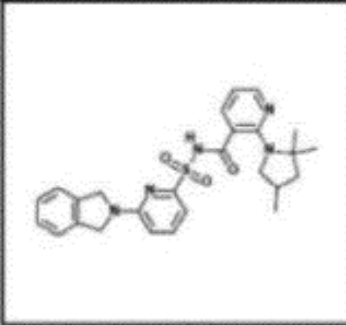
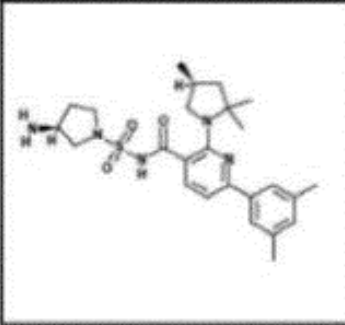
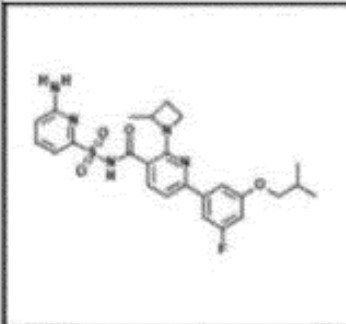
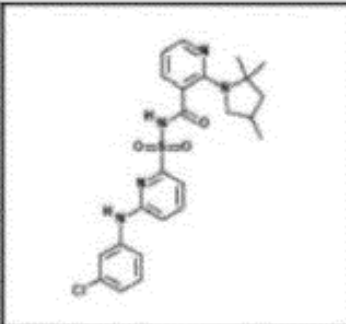
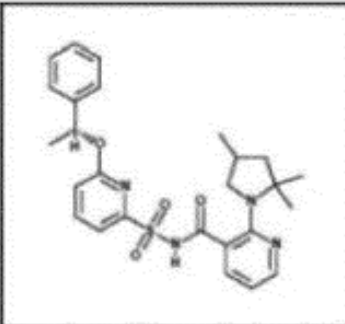
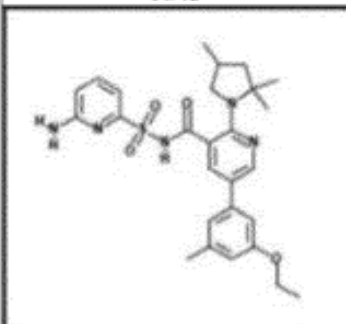
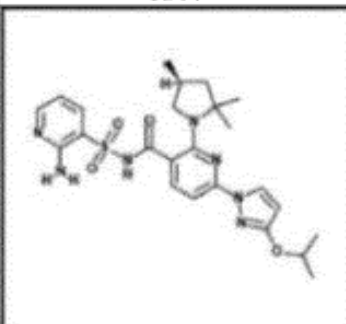
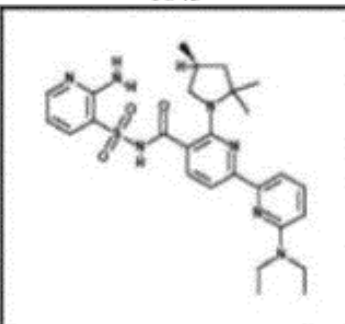
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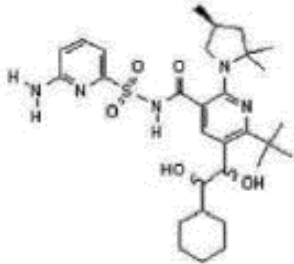
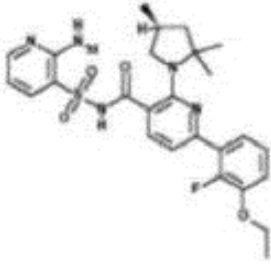
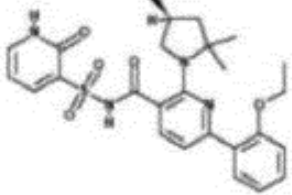
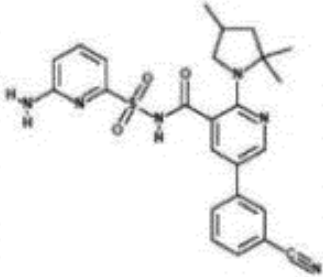
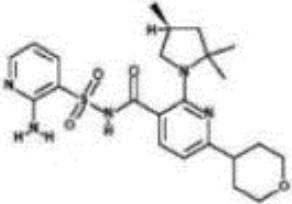
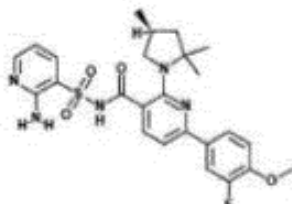
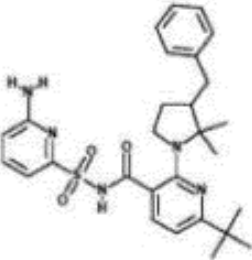
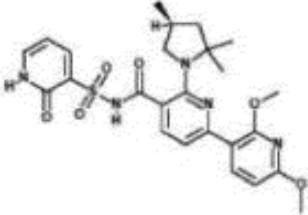
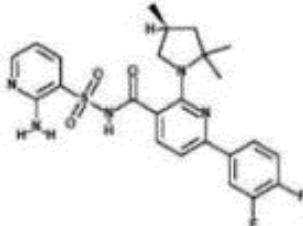
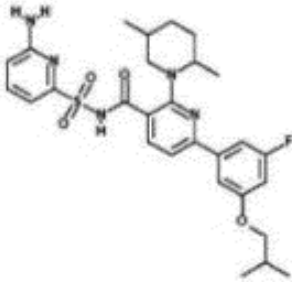
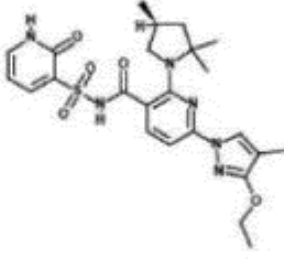
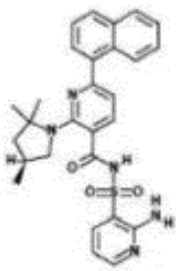
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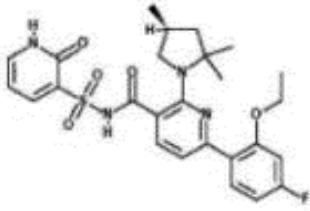
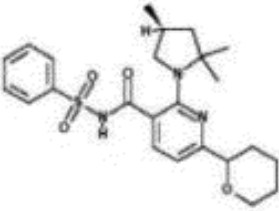
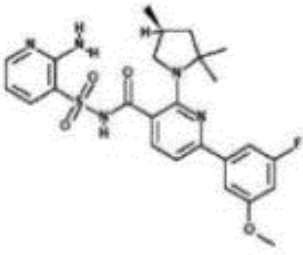
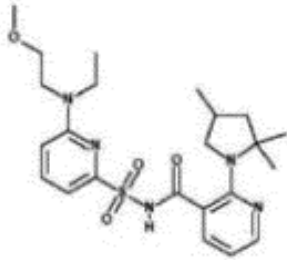
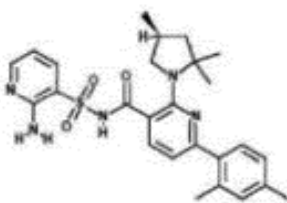
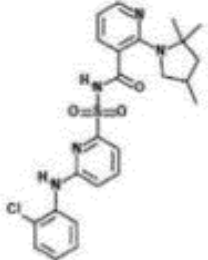
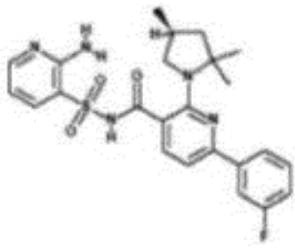
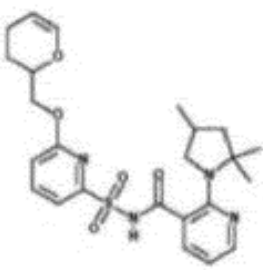
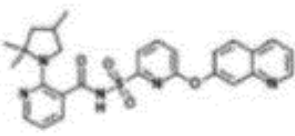
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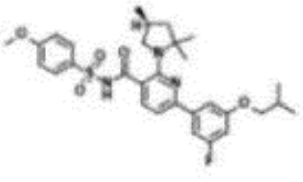
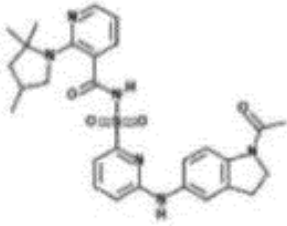
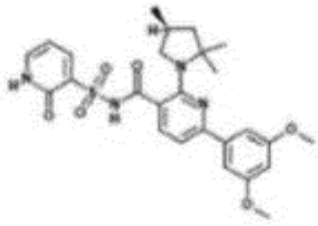
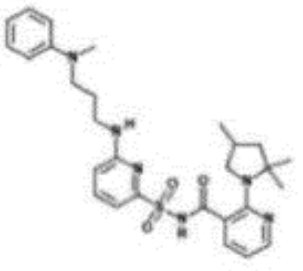
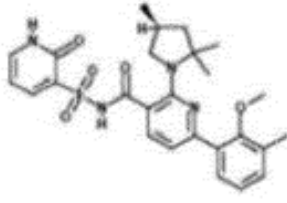
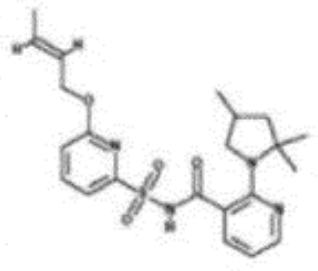
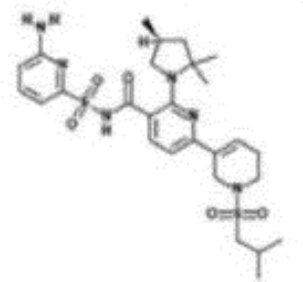
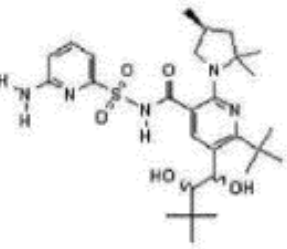
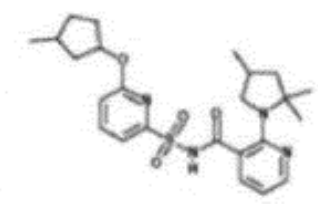
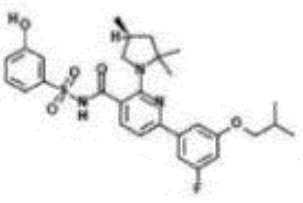
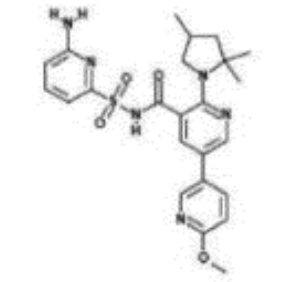
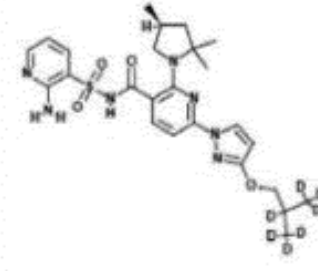
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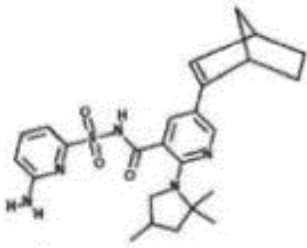
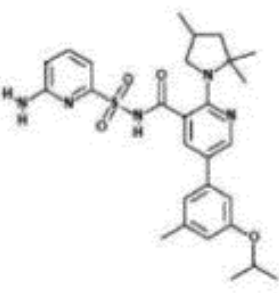
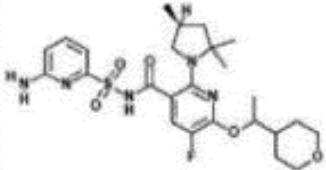
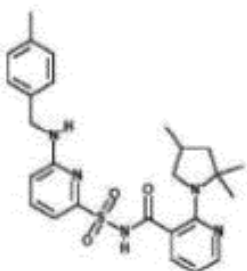
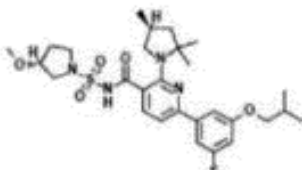
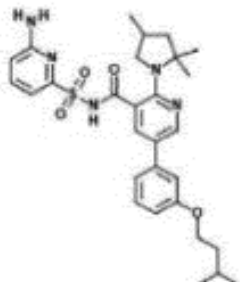
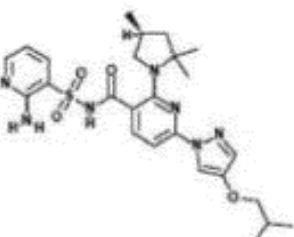
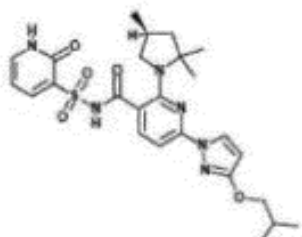
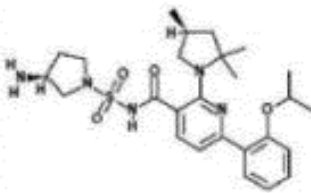
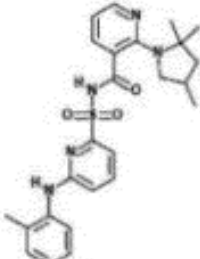
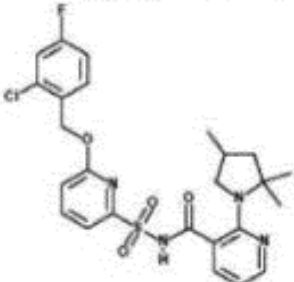
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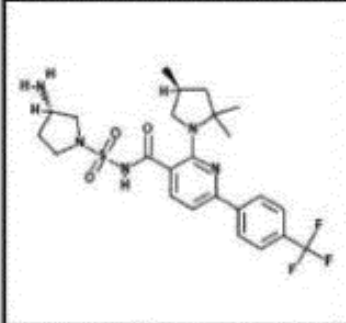
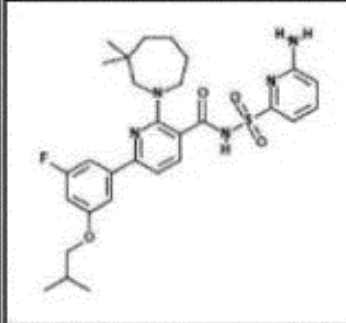
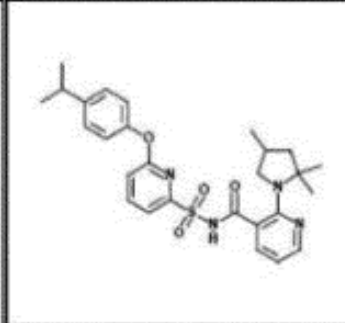
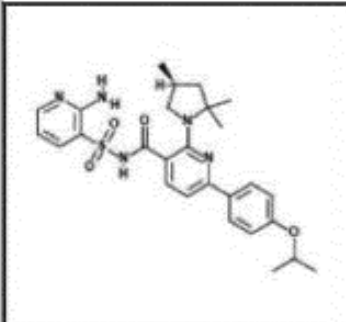
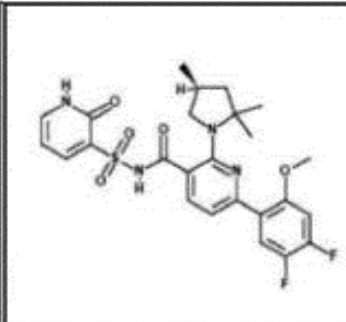
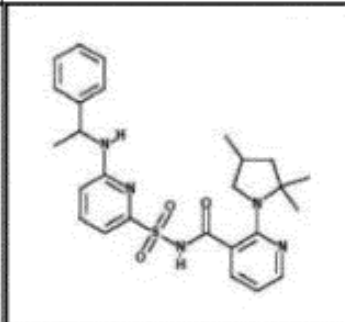
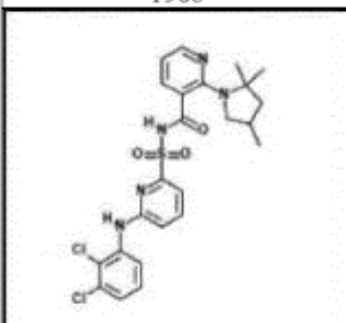
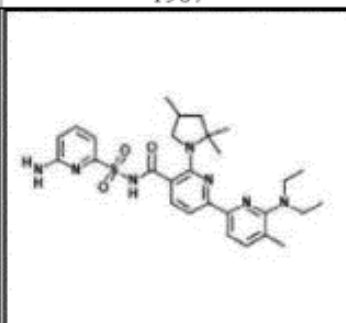
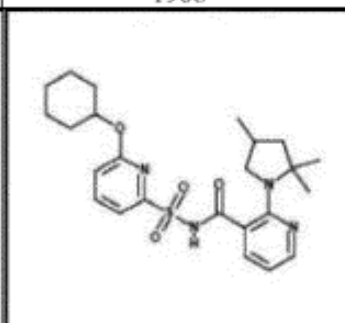
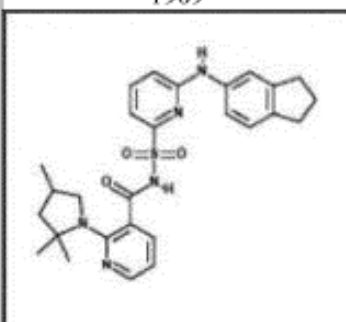
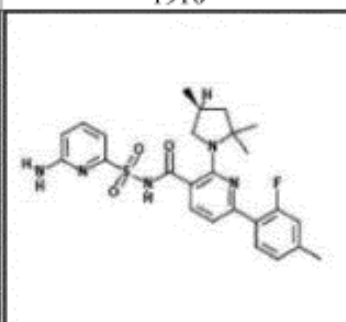
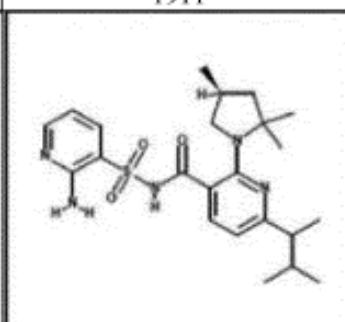
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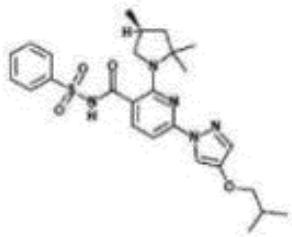
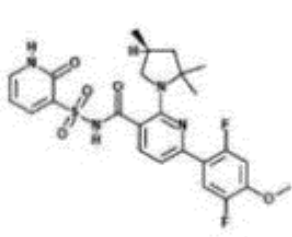
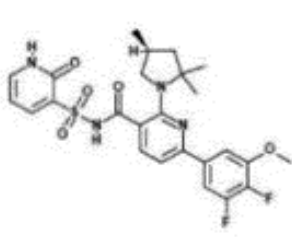
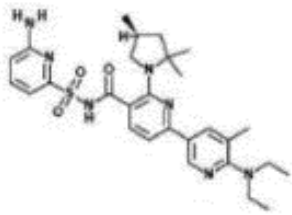
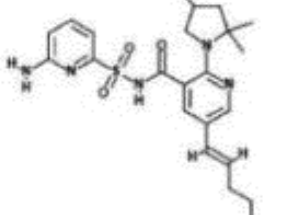
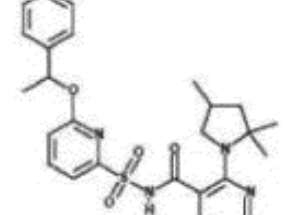
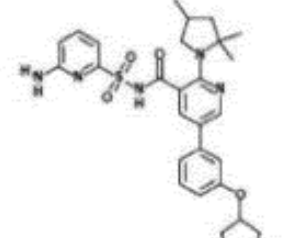
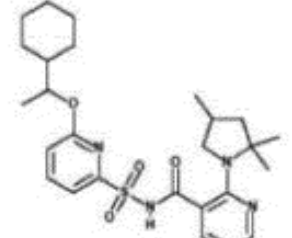
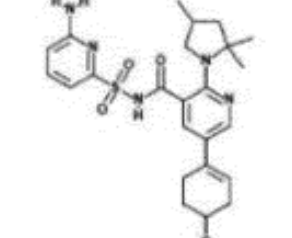
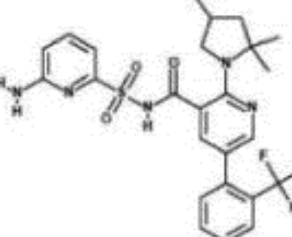
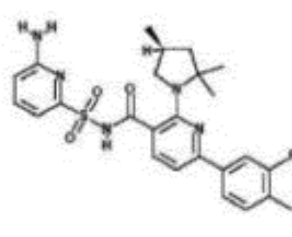
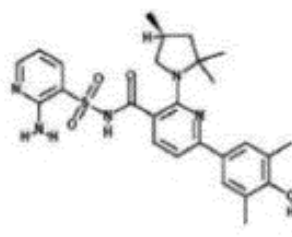
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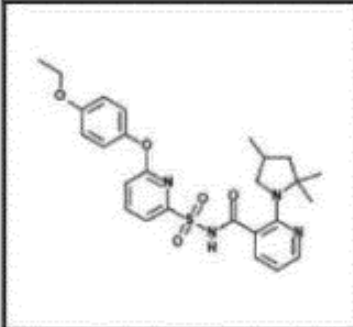
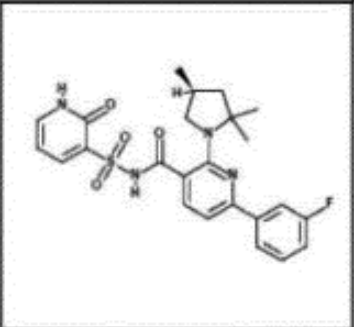
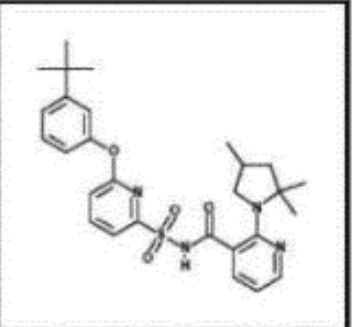
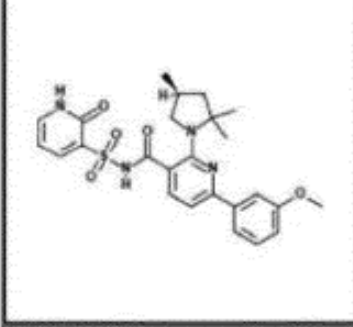
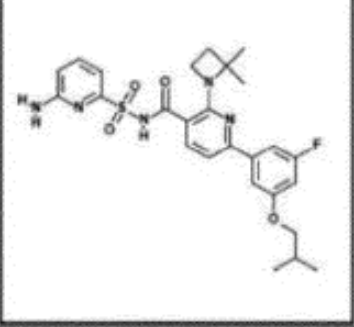
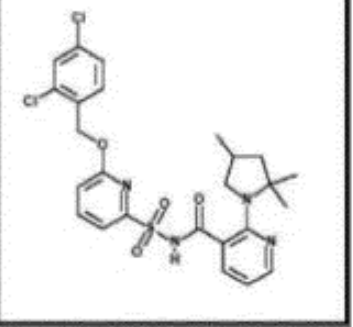
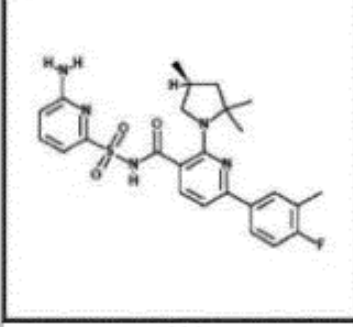
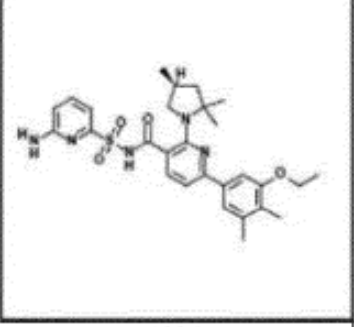
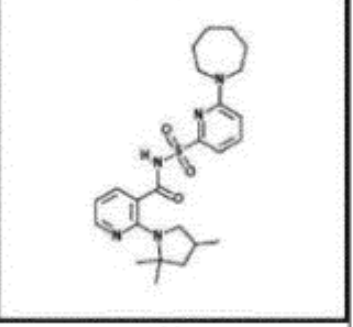
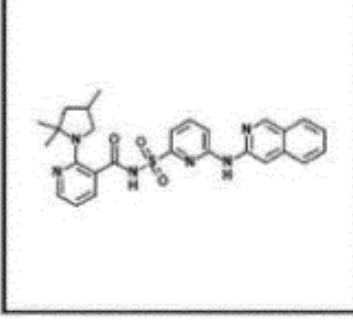
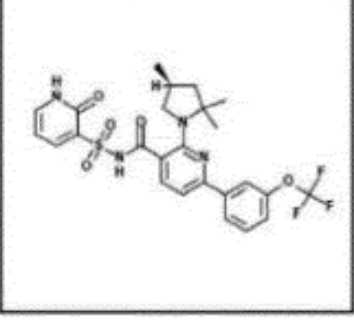
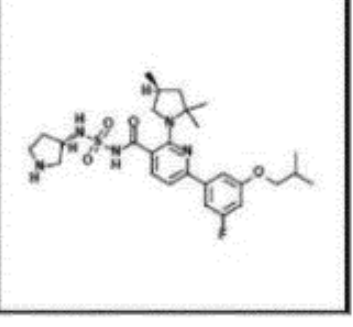
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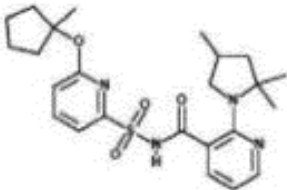
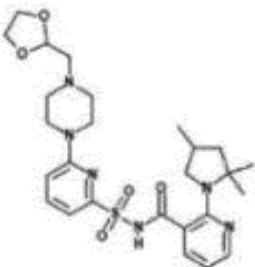
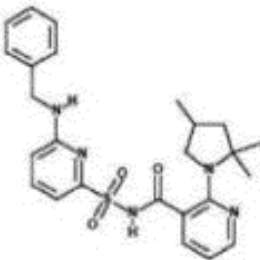
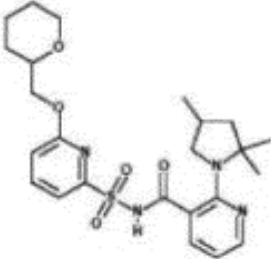
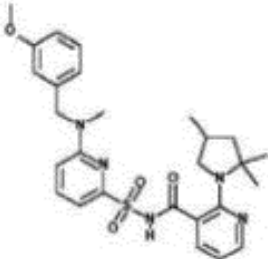
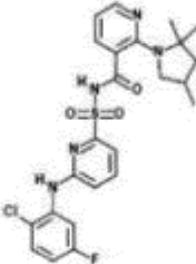
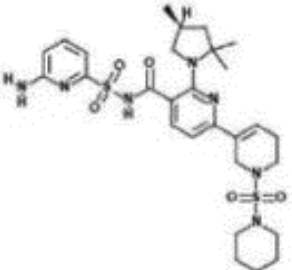
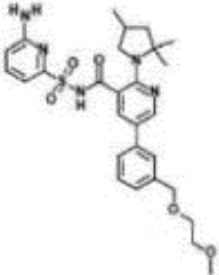
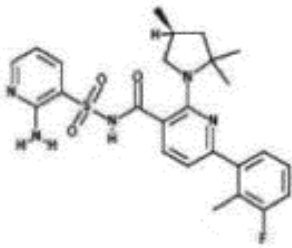
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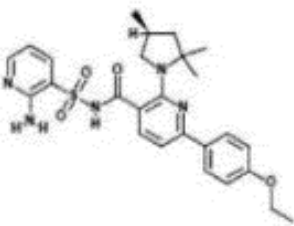
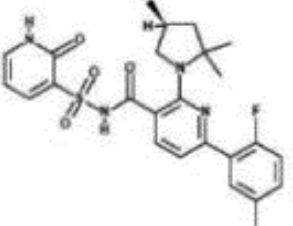
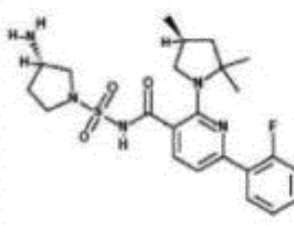
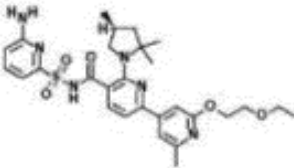
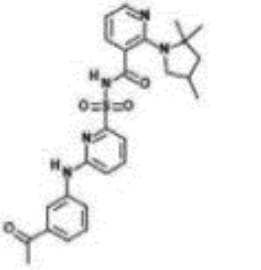
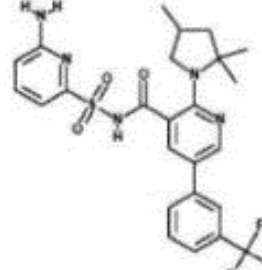
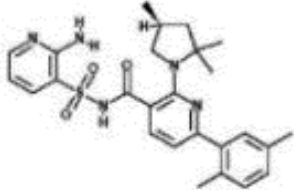
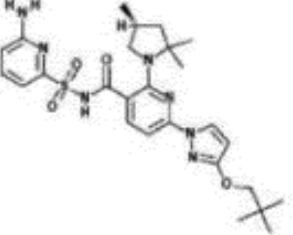
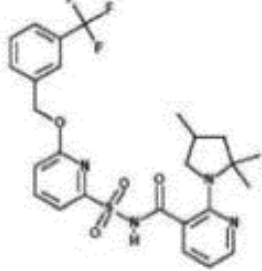
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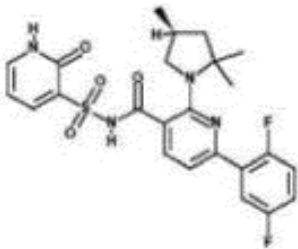
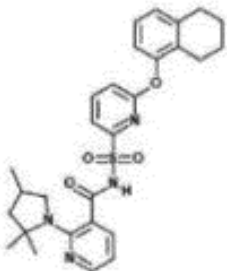
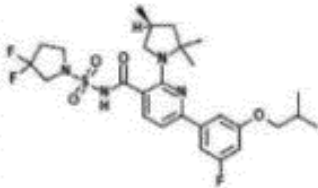
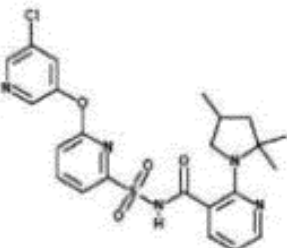
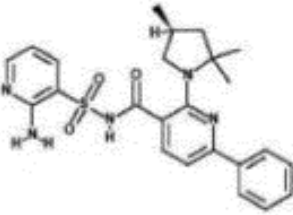
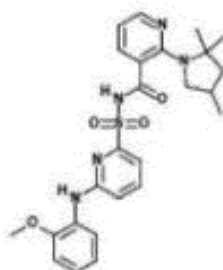
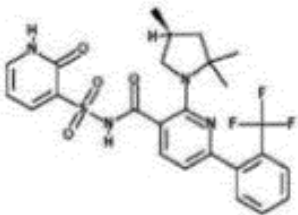
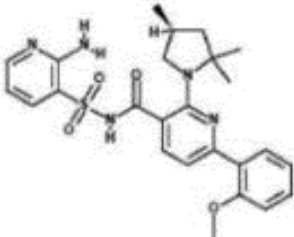
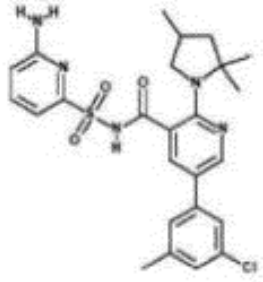
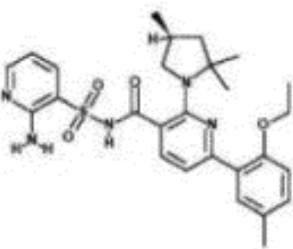
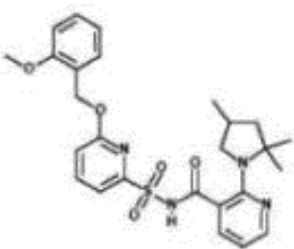
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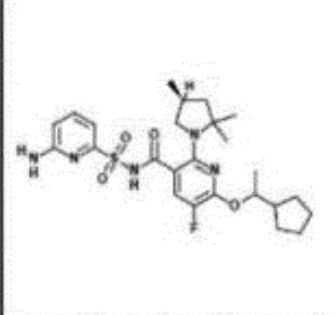
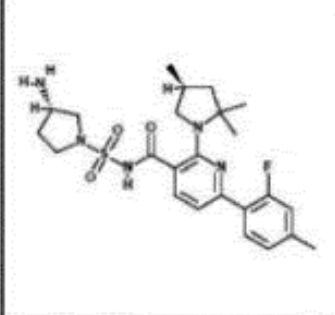
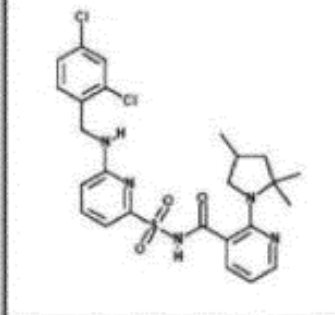
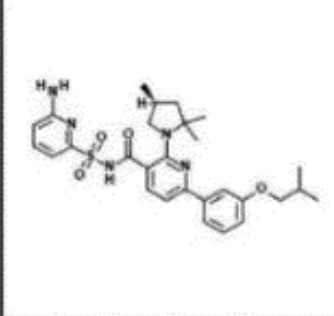
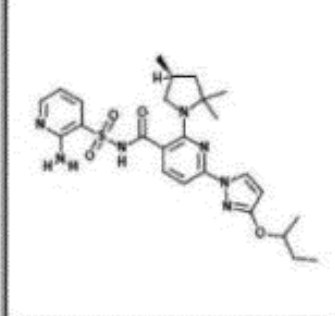
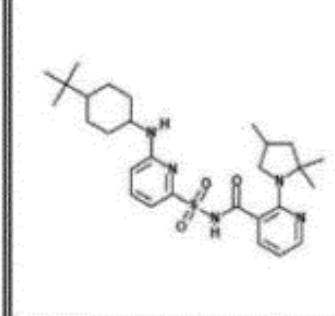
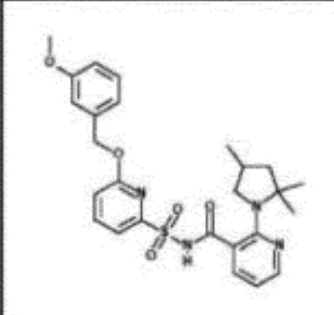
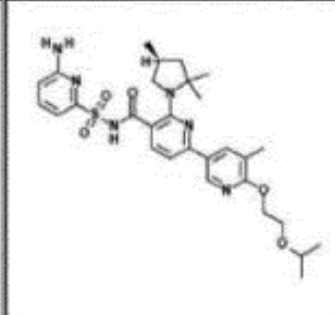
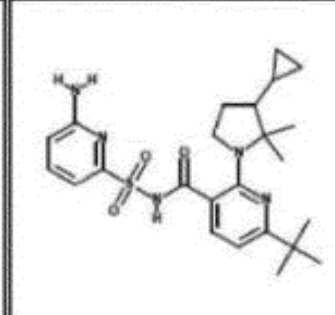
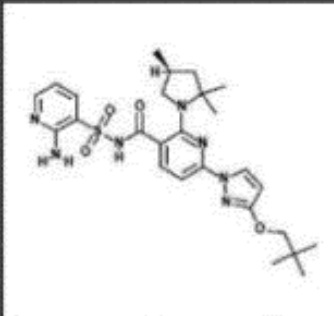
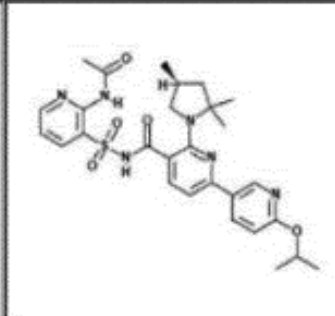
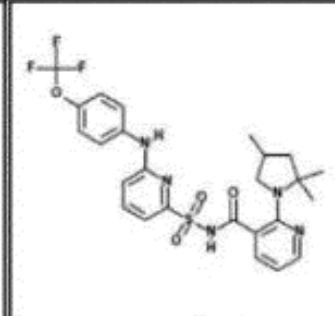
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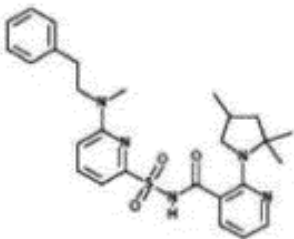
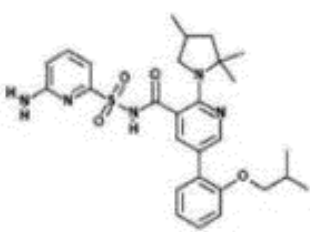
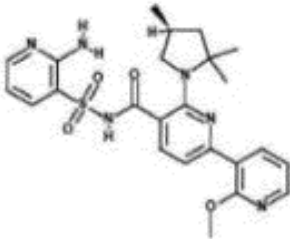
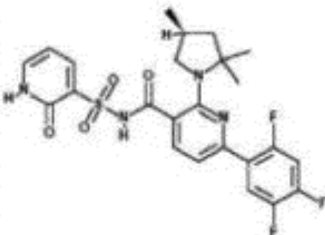
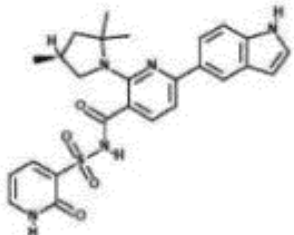
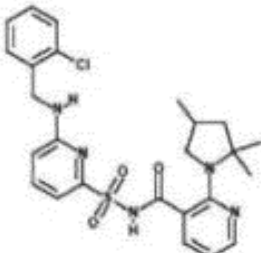
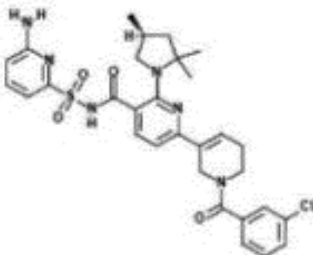
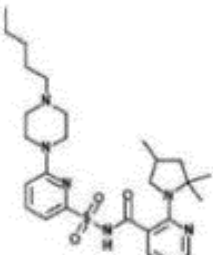
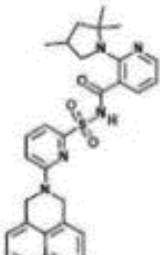
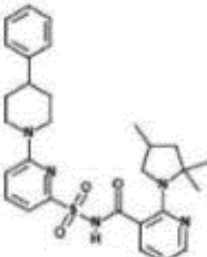
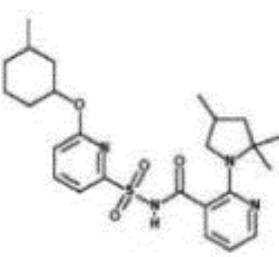
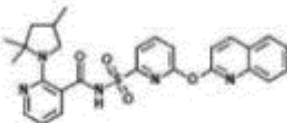
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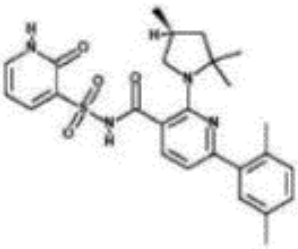
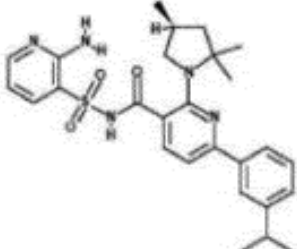
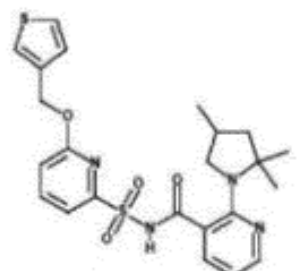
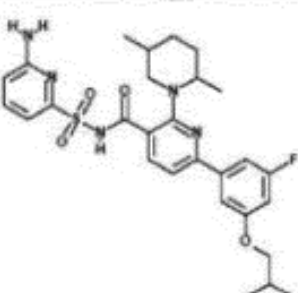
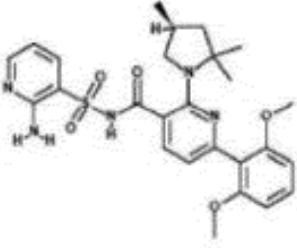
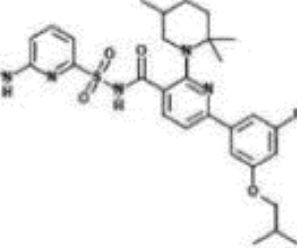
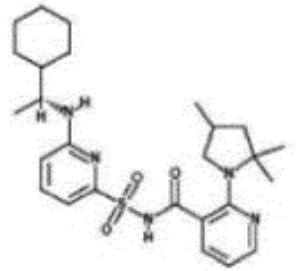
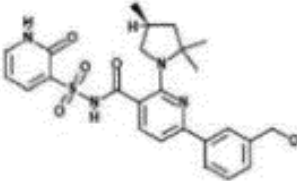
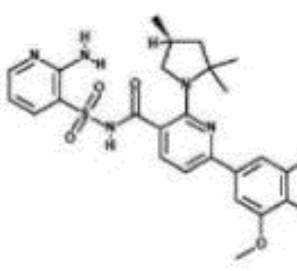
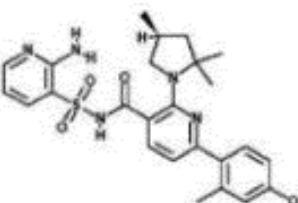
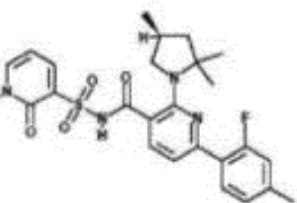
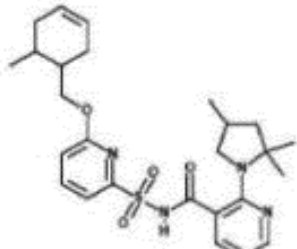
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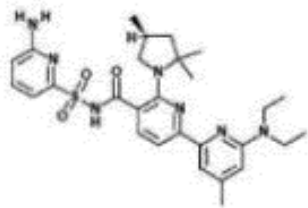
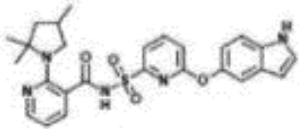
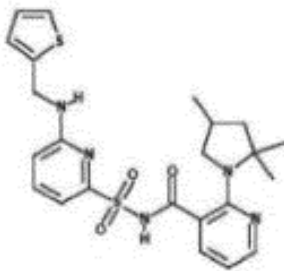
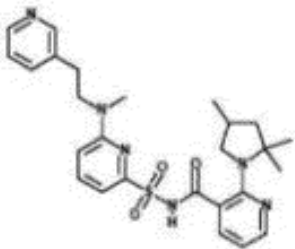
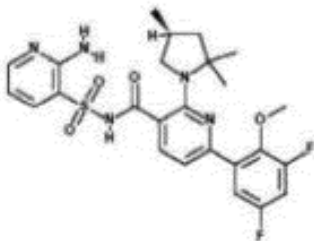
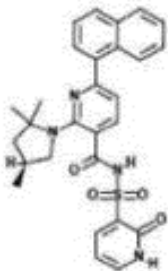
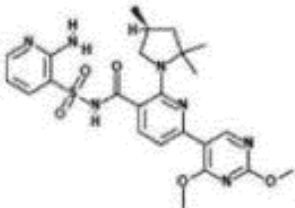
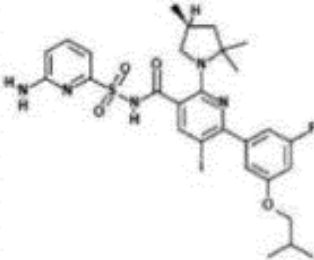
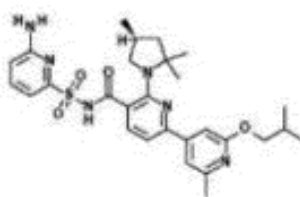
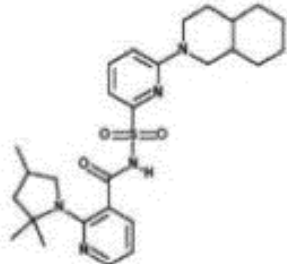
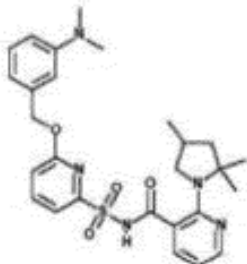
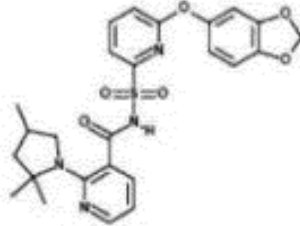
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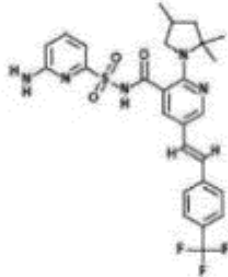
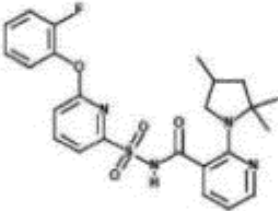
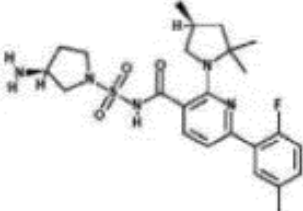
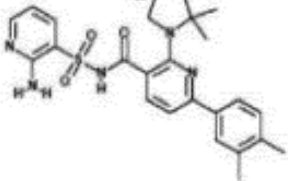
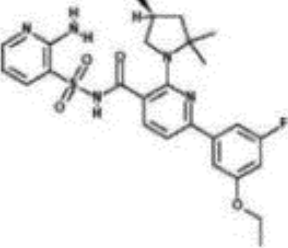
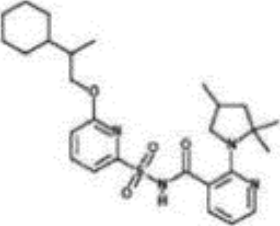
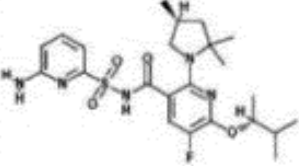
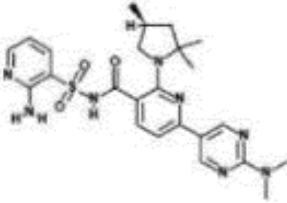
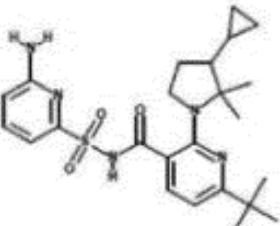
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1960		1962
		
1963	1964	1965
		

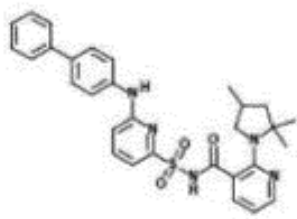
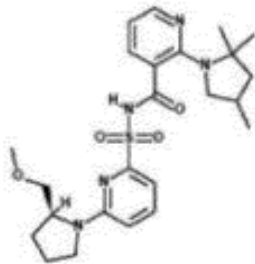
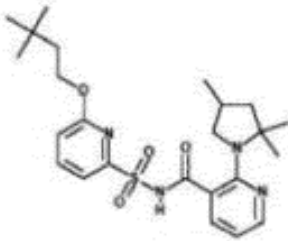
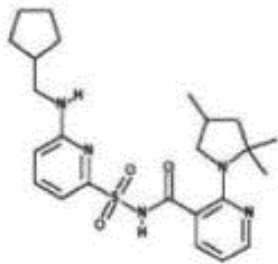
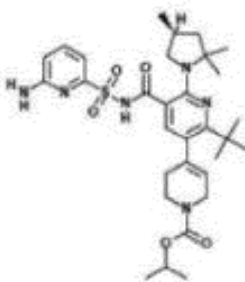
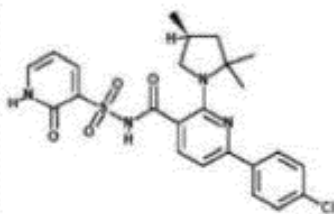
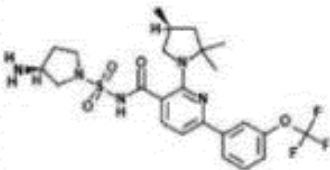
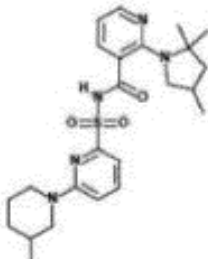
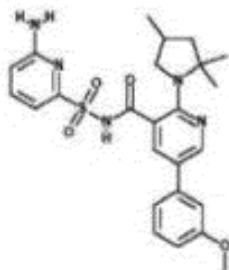
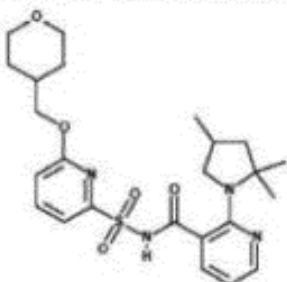
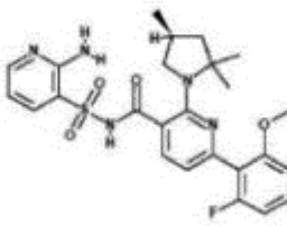
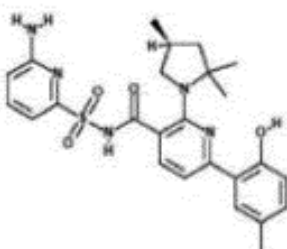
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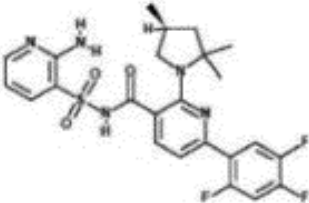
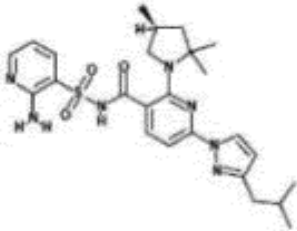
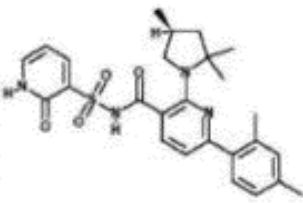
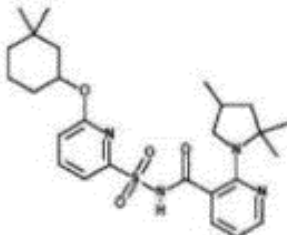
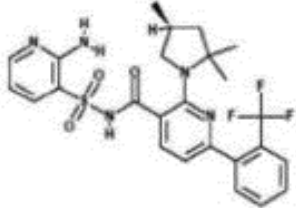
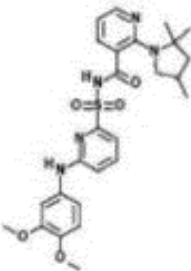
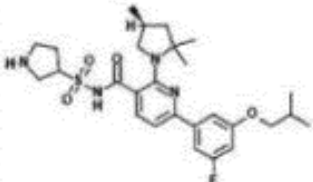
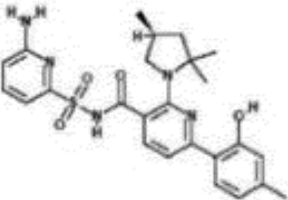
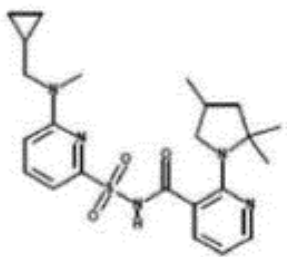
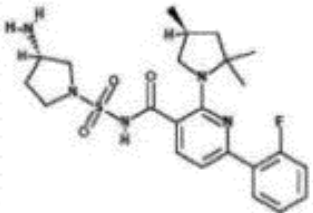
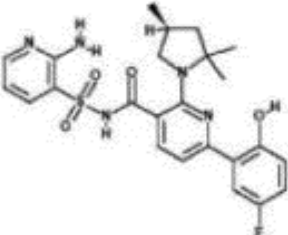
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1987	1988	1989
		

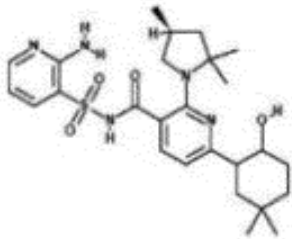
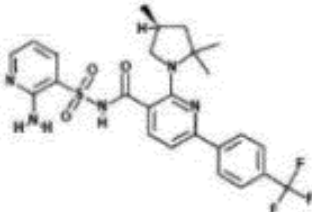
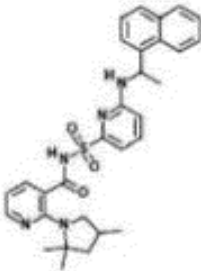
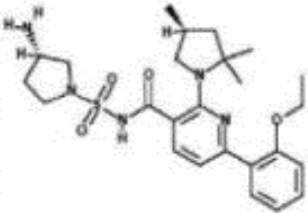
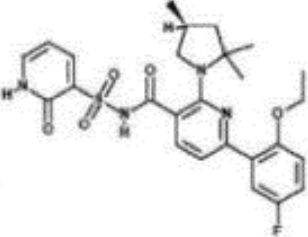
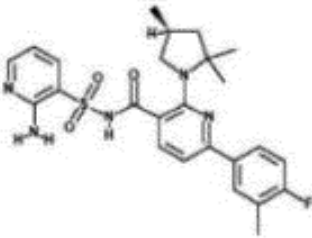
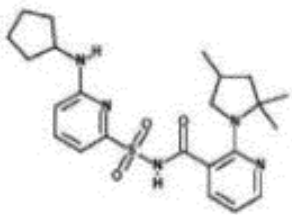
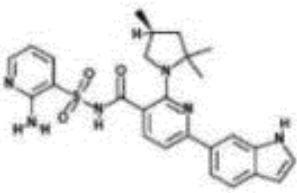
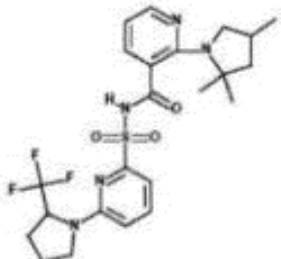
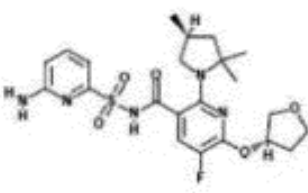
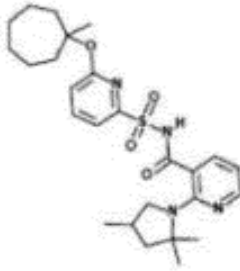
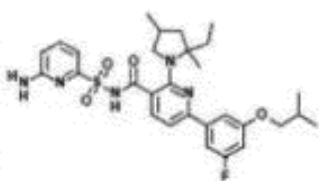
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1999	2000	2001
		

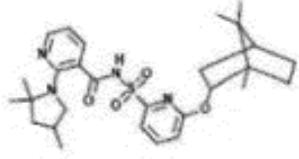
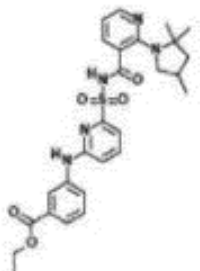
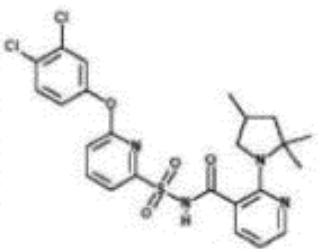
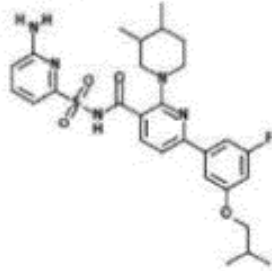
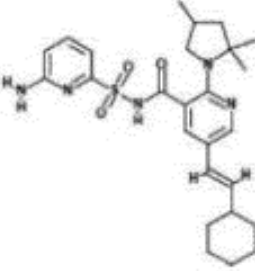
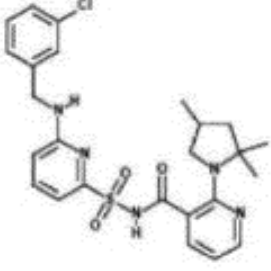
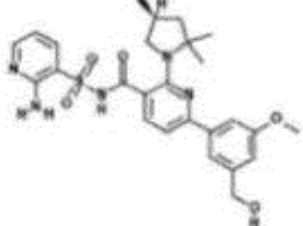
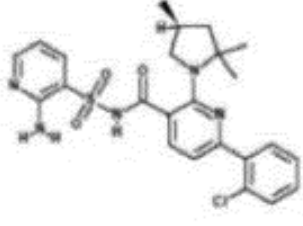
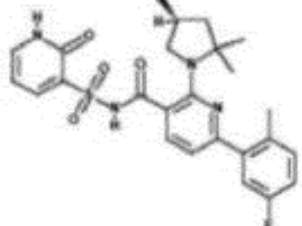
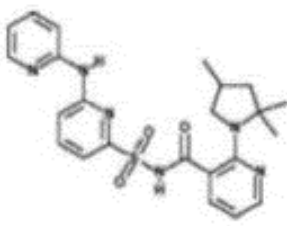
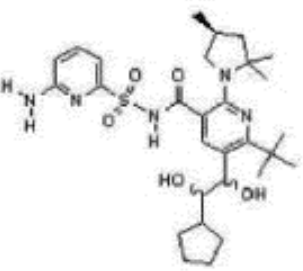
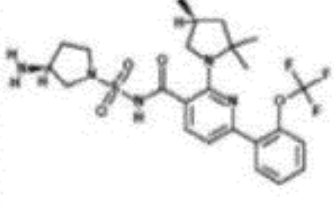
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2008	2009	2010
		
2011	2012	2013
		

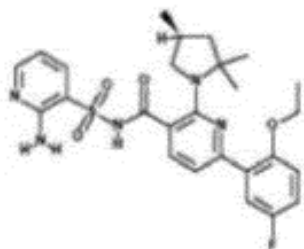
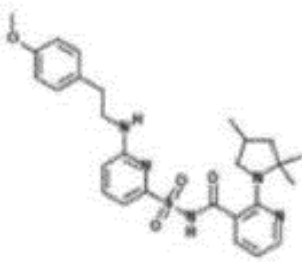
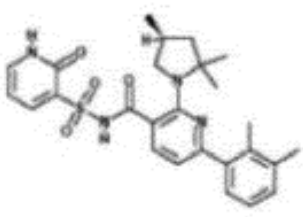
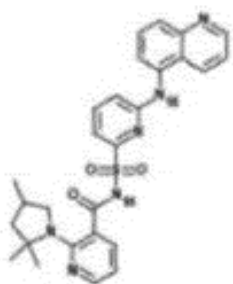
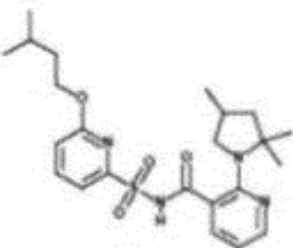
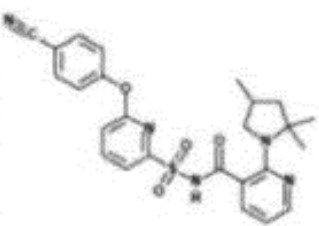
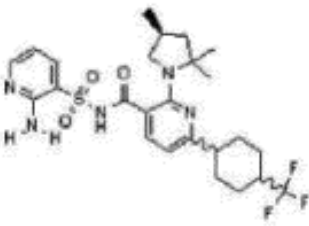
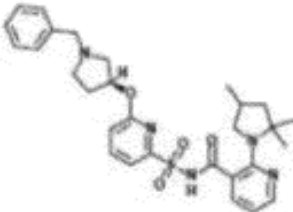
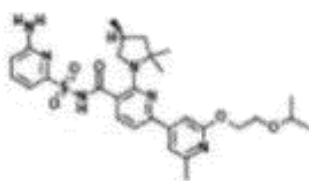
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2020	2021	2022
		

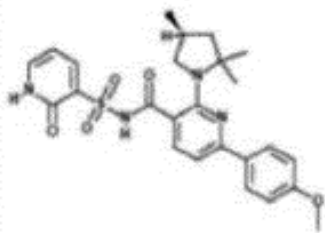
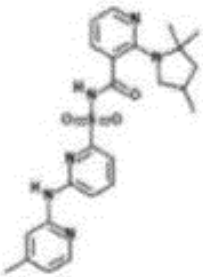
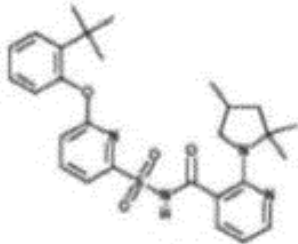
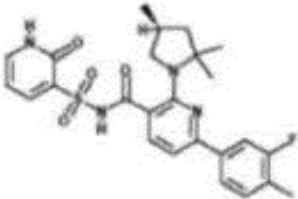
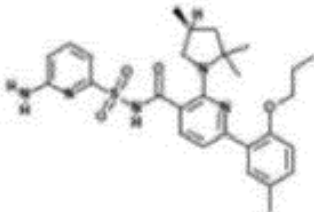
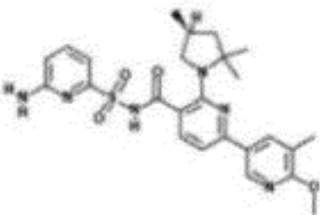
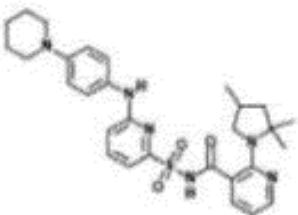
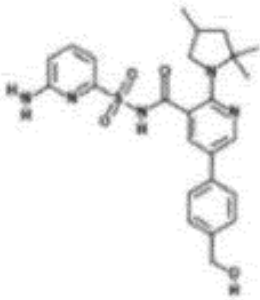
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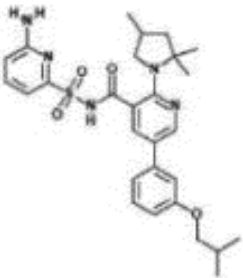
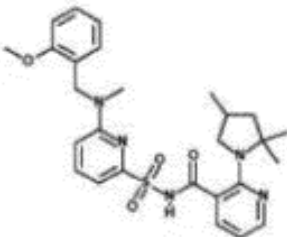
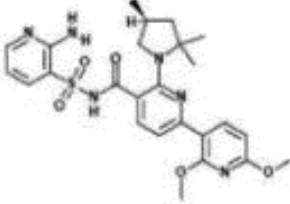
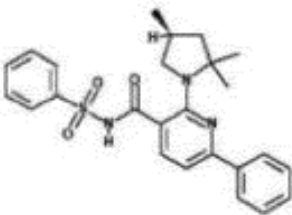
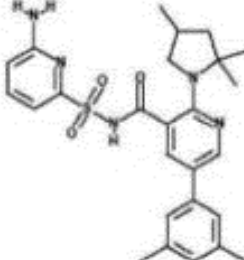
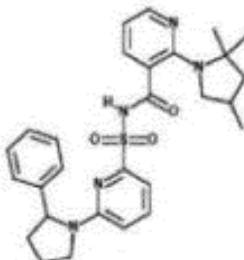
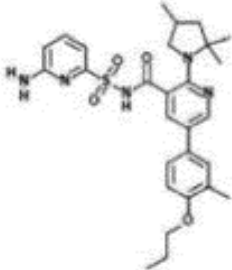
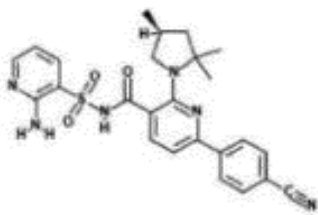
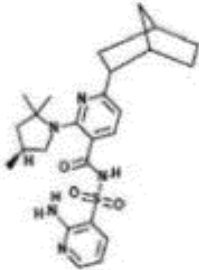
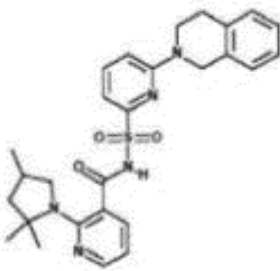
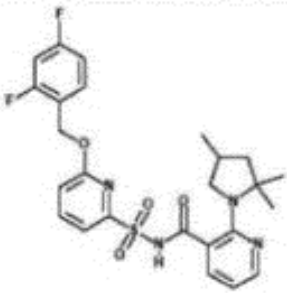
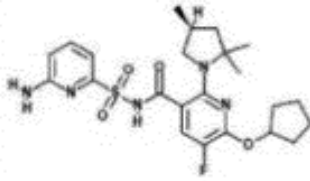
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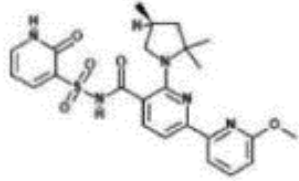
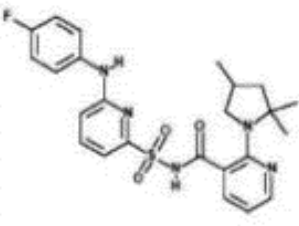
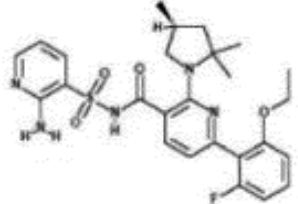
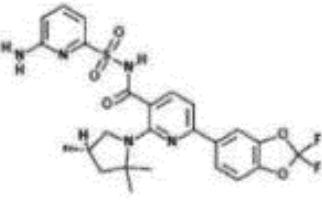
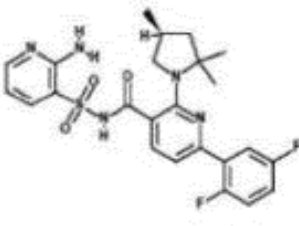
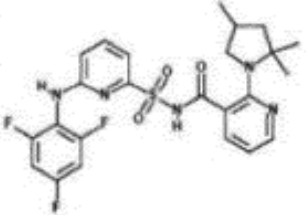
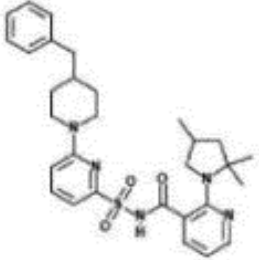
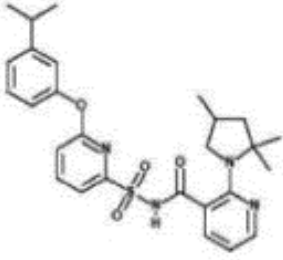
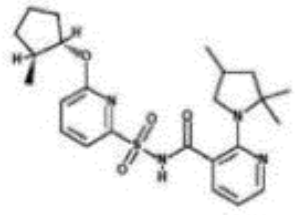
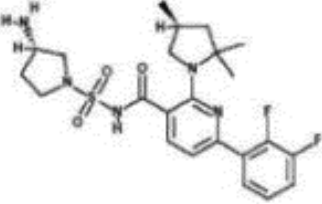
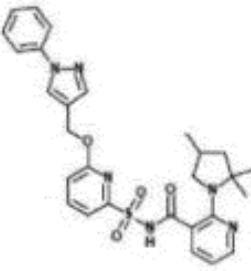
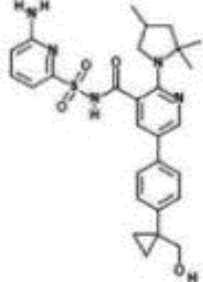
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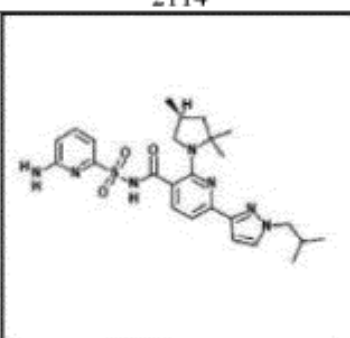
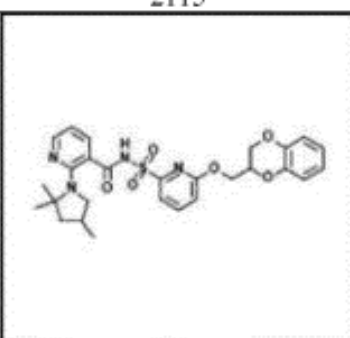
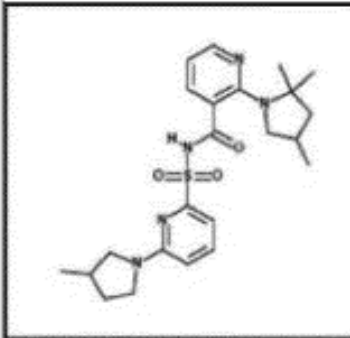
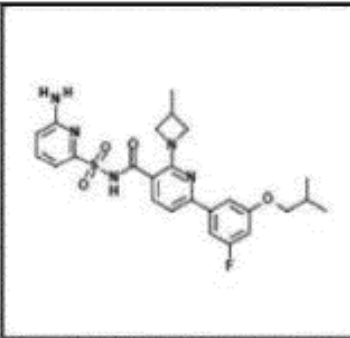
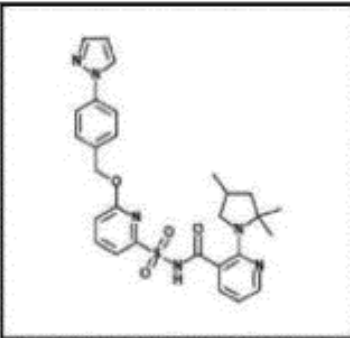
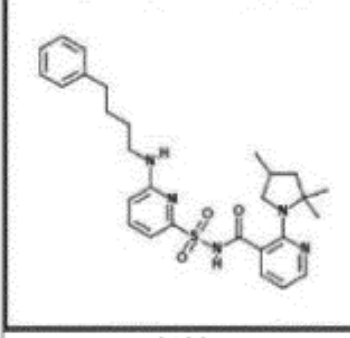
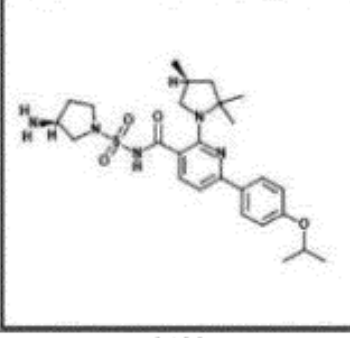
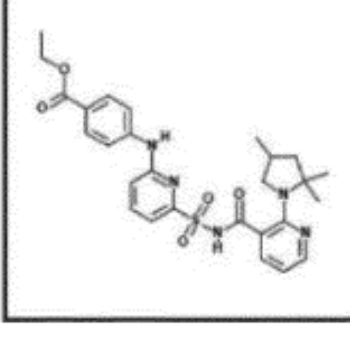
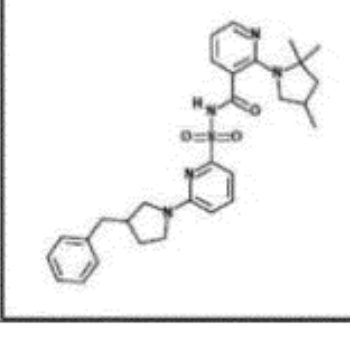
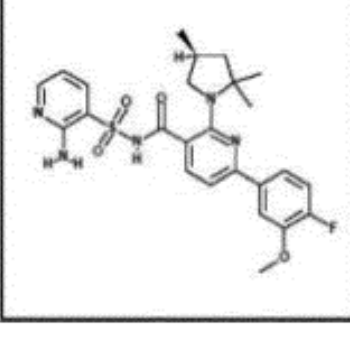
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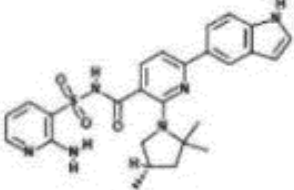
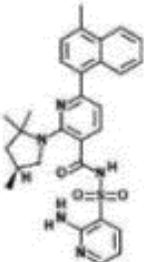
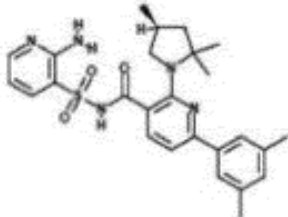
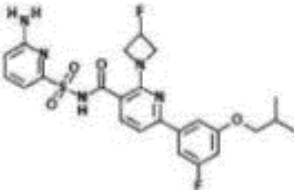
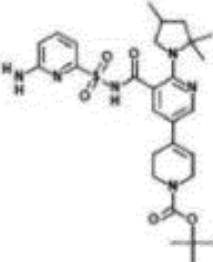
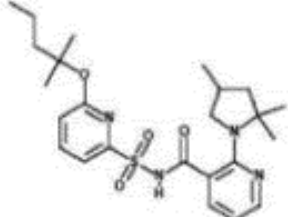
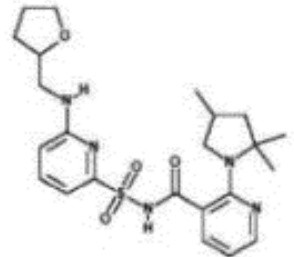
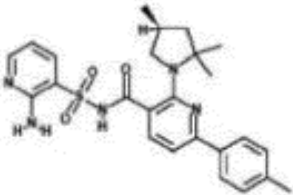
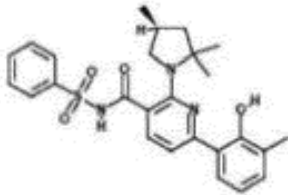
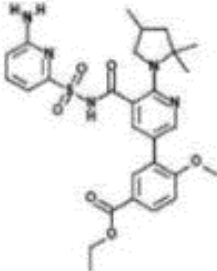
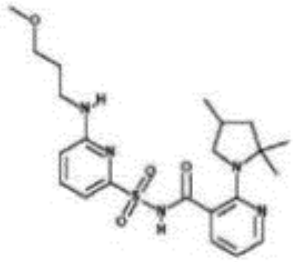
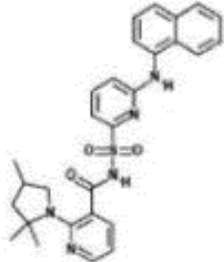
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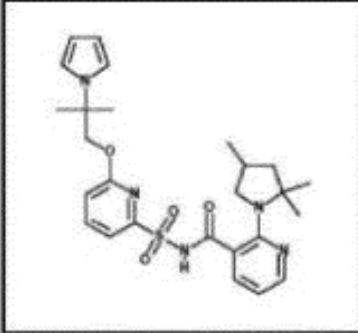
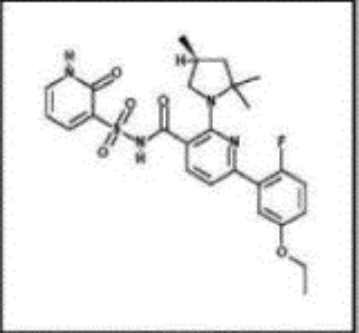
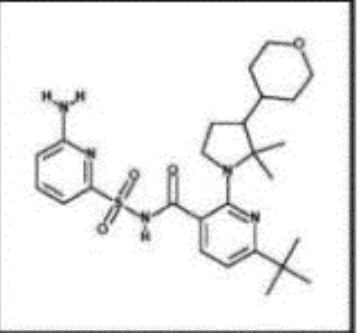
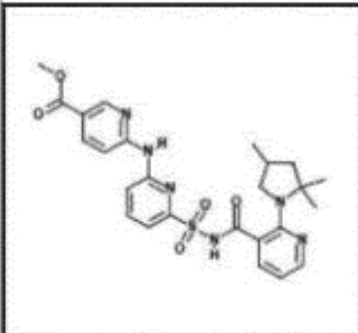
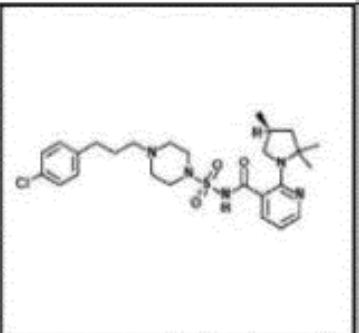
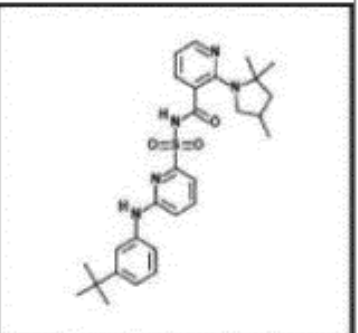
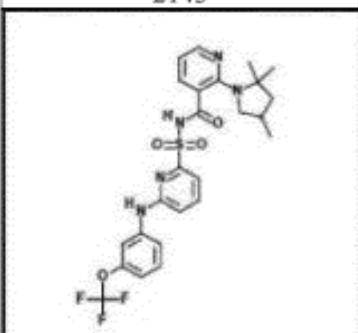
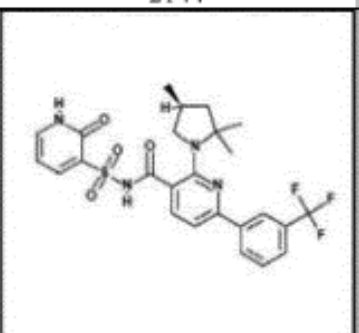
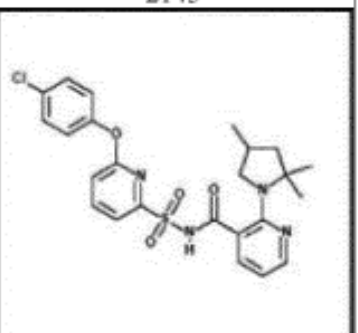
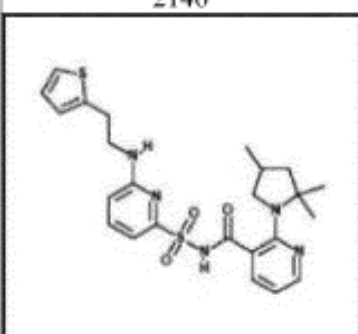
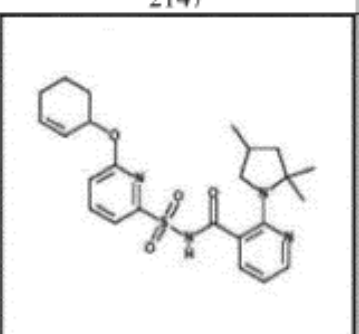
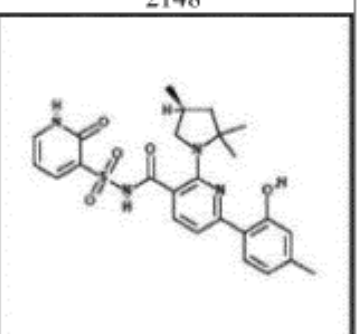
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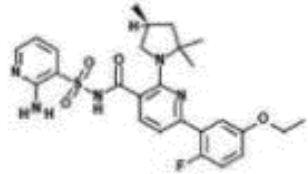
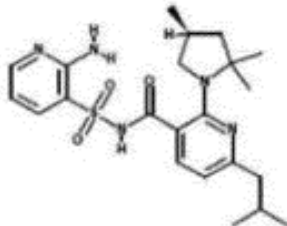
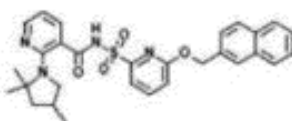
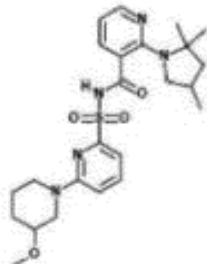
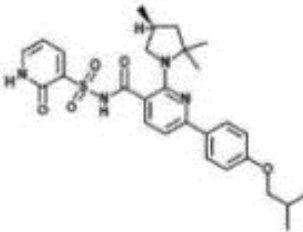
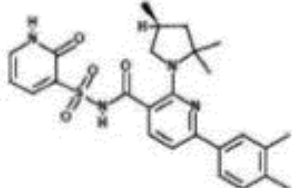
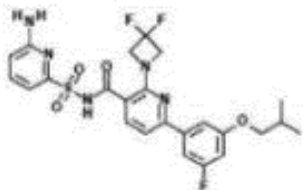
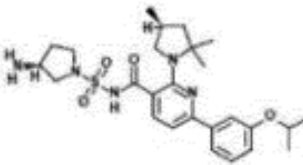
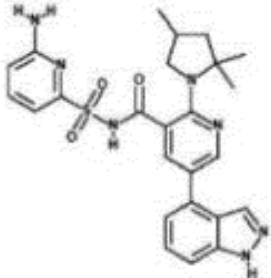
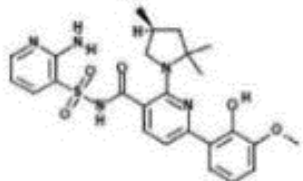
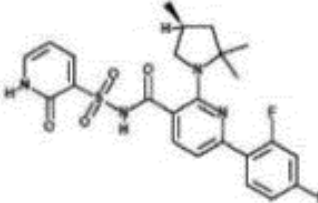
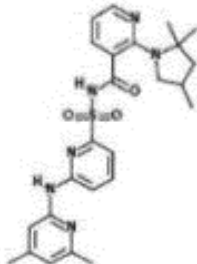
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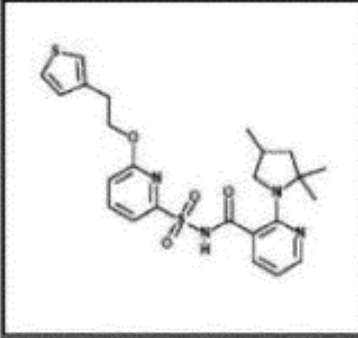
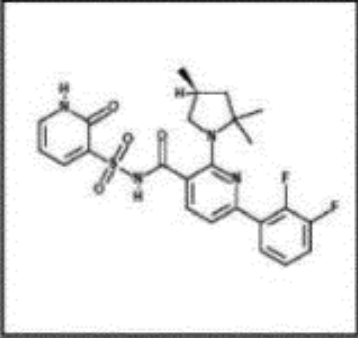
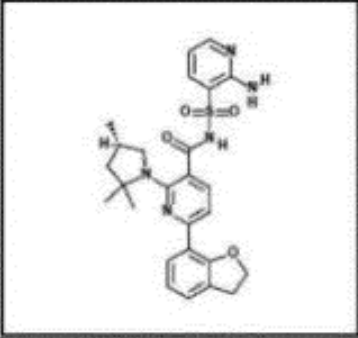
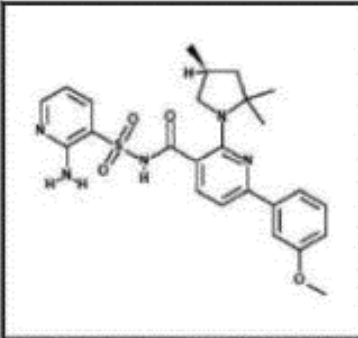
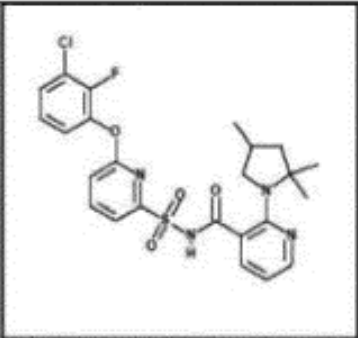
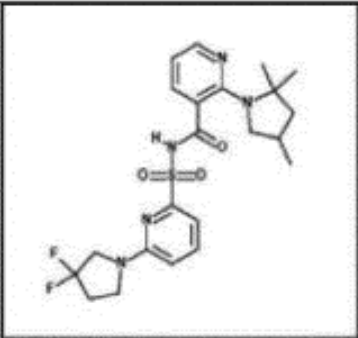
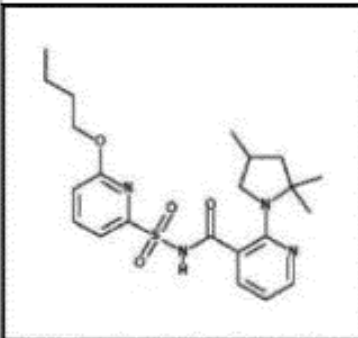
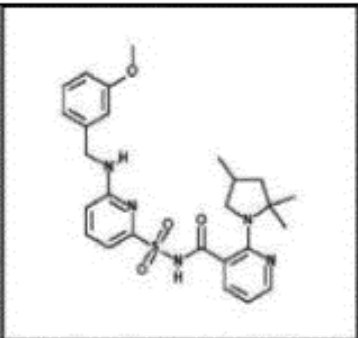
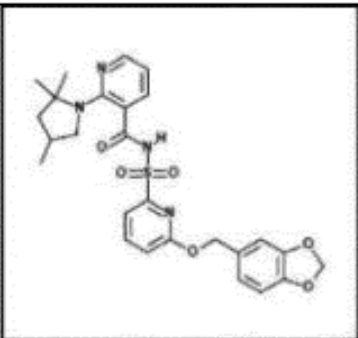
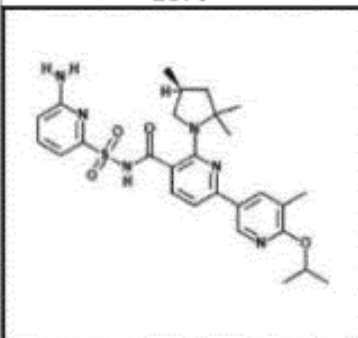
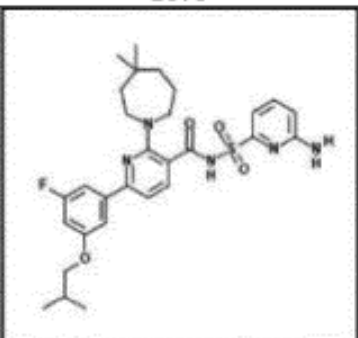
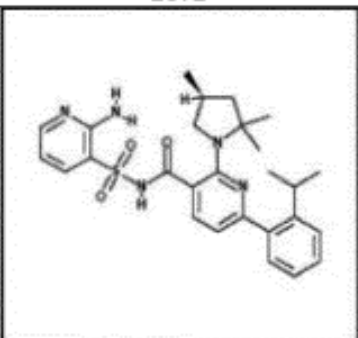
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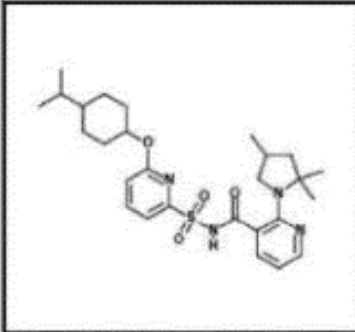
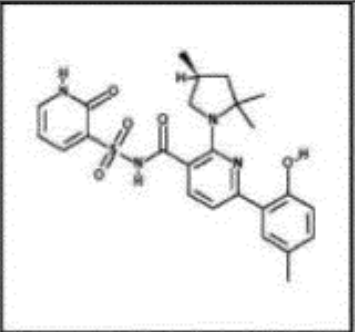
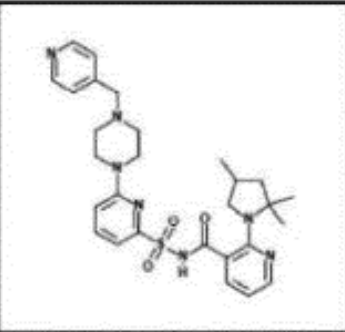
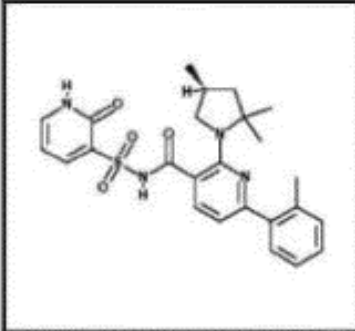
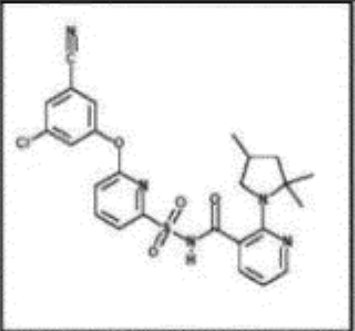
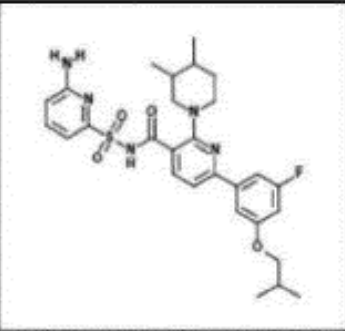
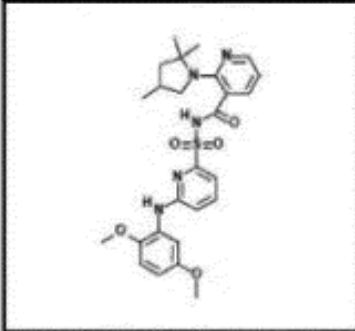
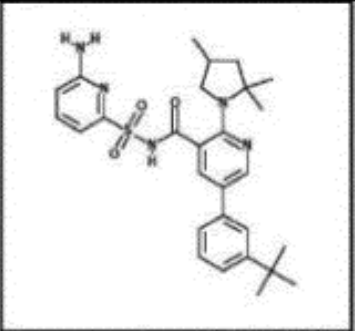
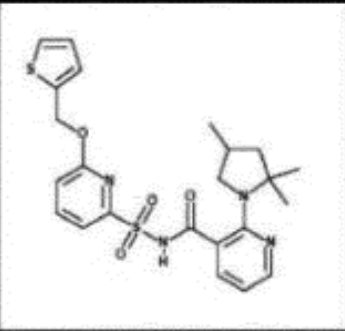
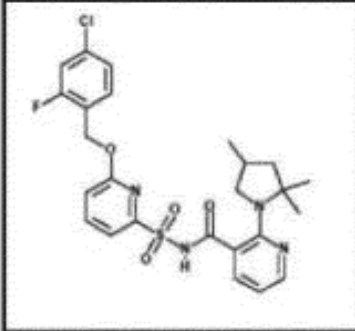
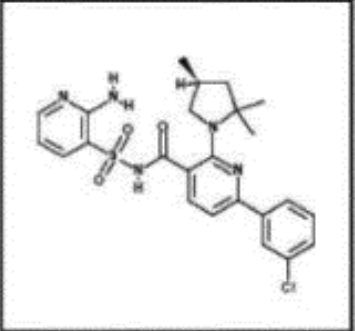
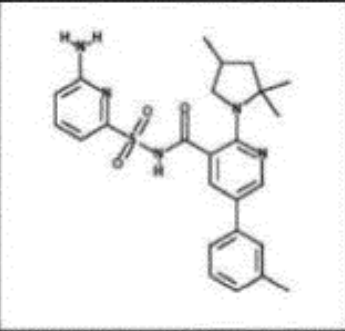
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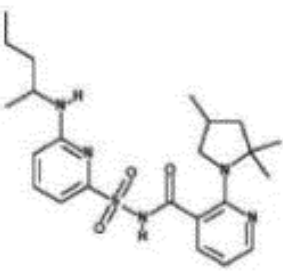
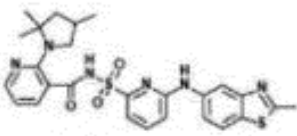
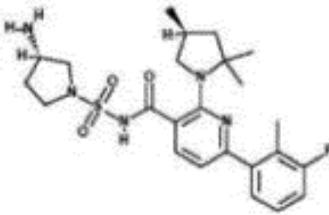
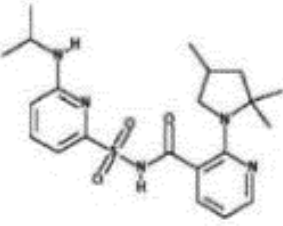
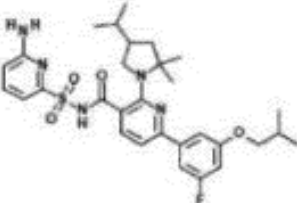
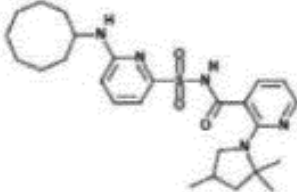
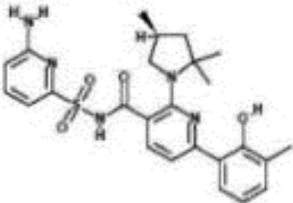
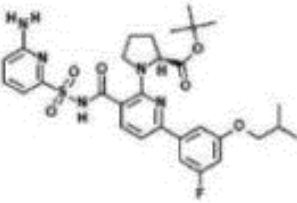
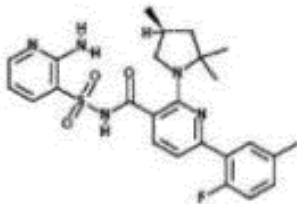
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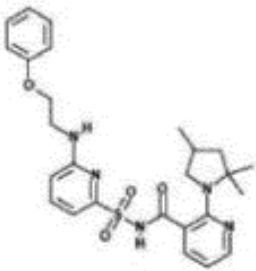
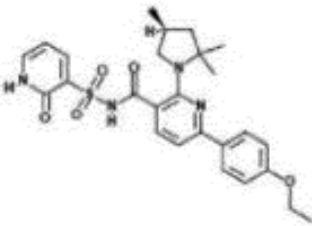
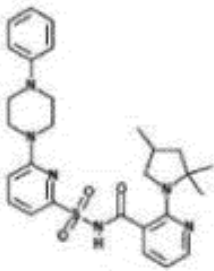
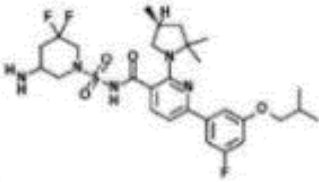
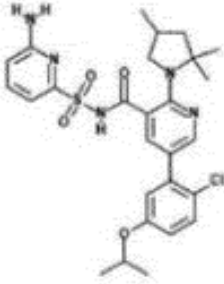
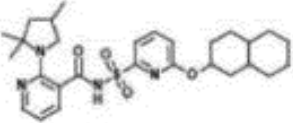
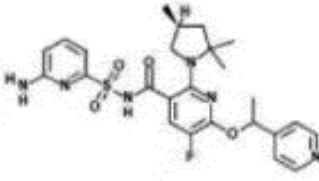
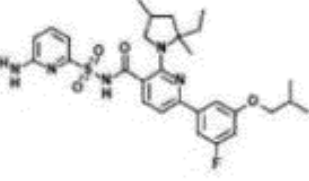
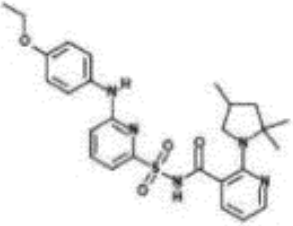
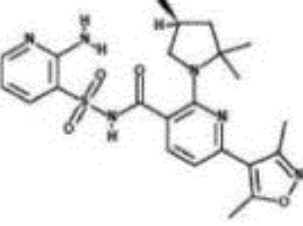
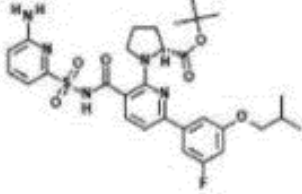
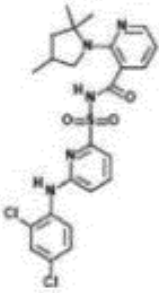
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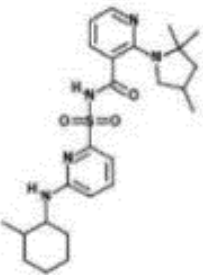
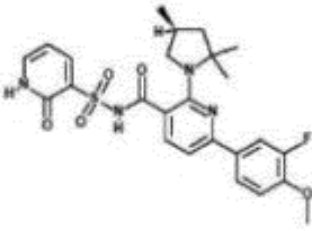
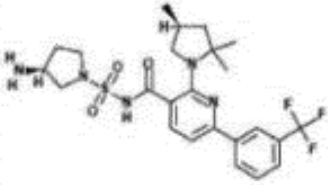
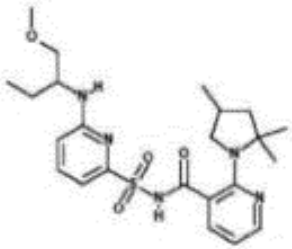
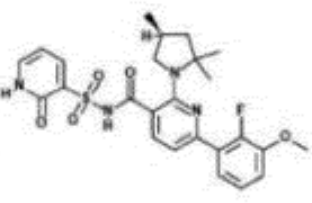
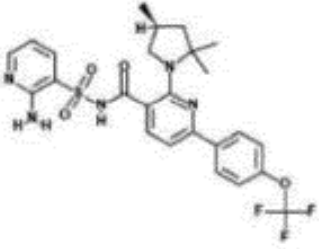
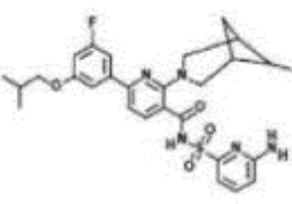
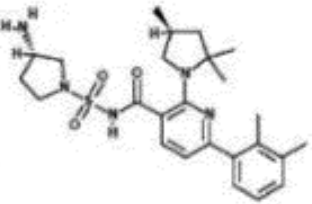
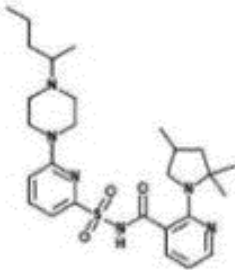
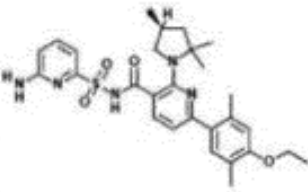
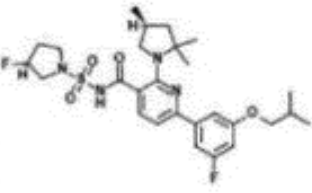
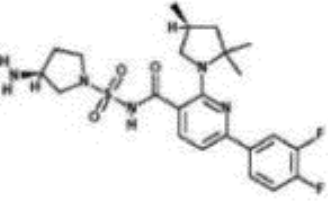
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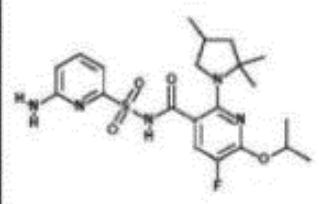
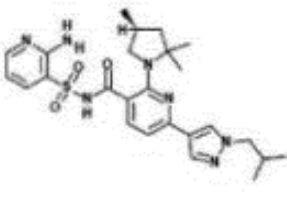
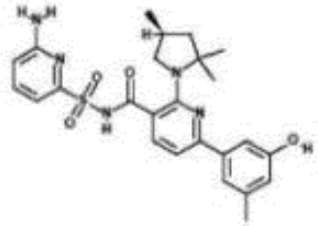
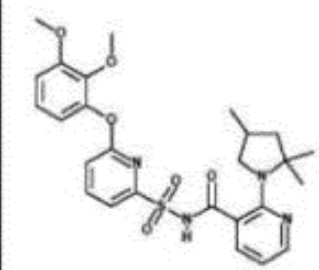
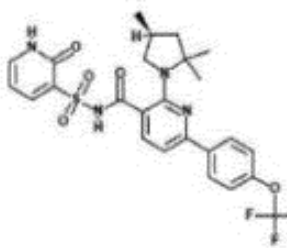
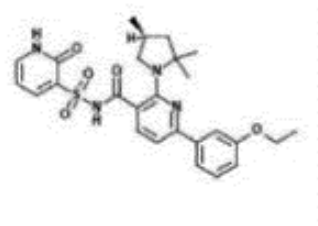
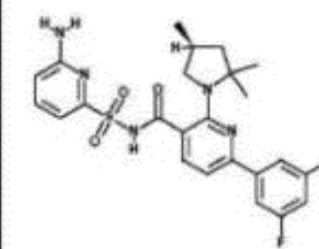
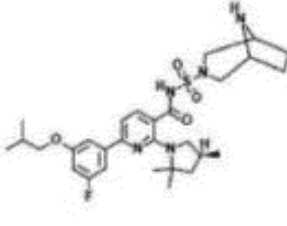
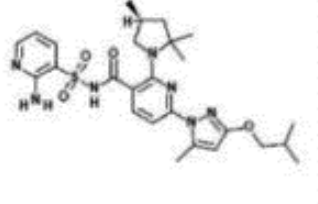
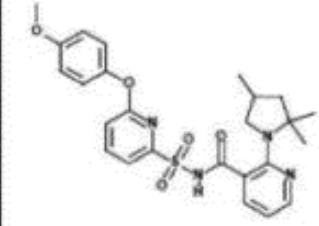
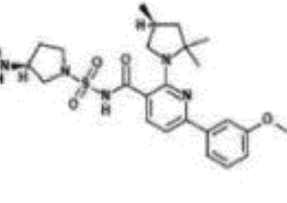
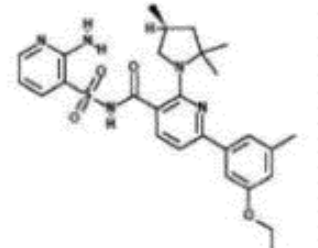
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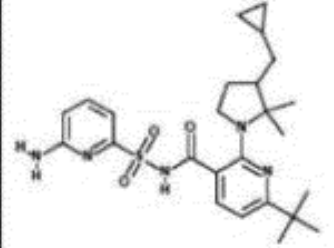
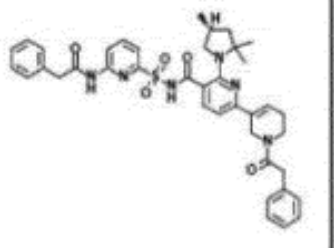
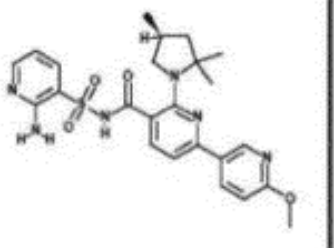
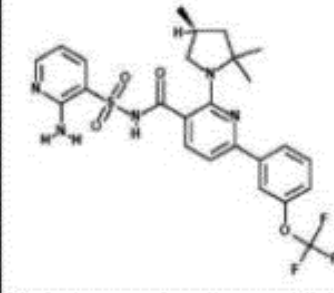
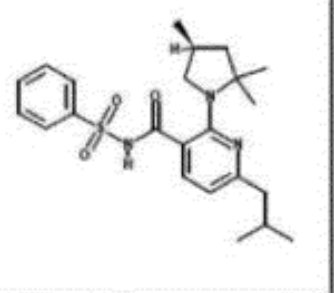
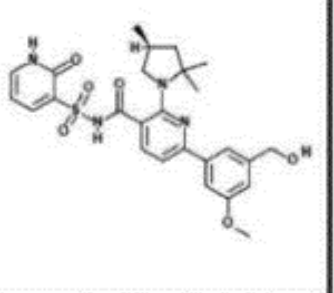
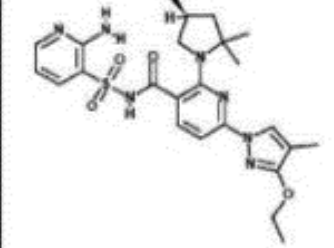
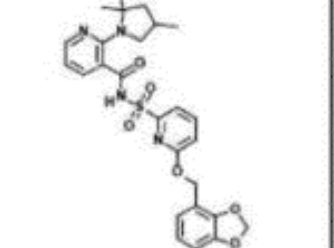
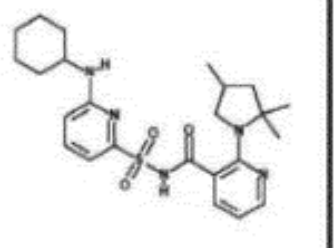
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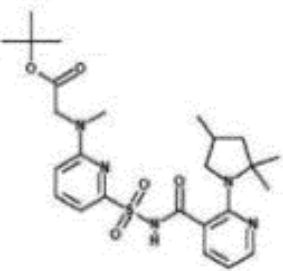
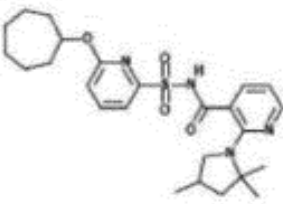
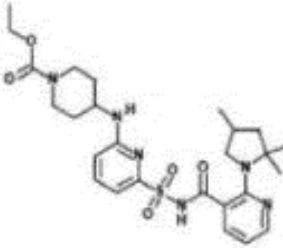
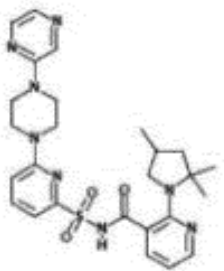
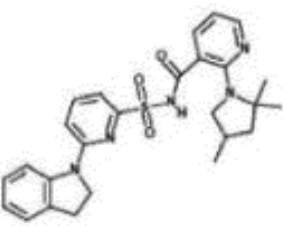
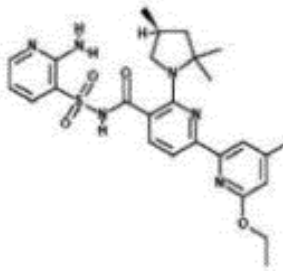
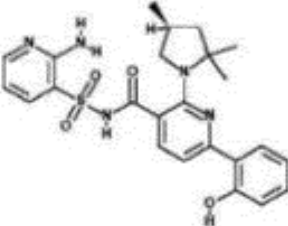
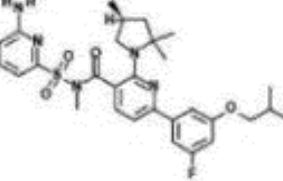
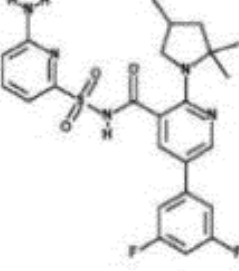
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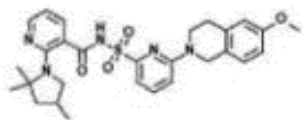
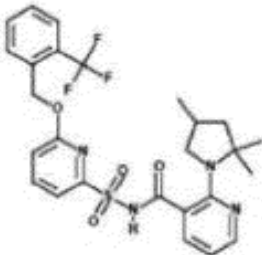
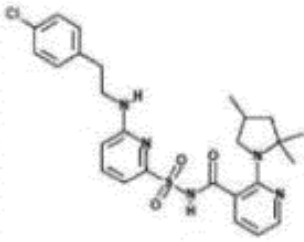
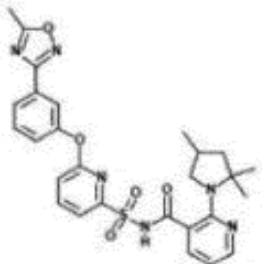
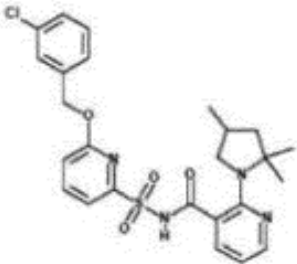
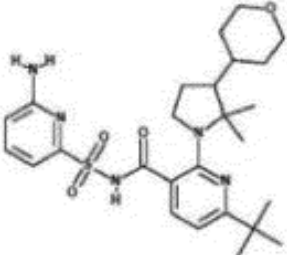
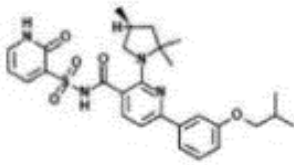
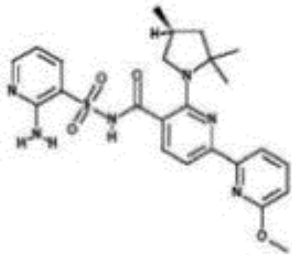
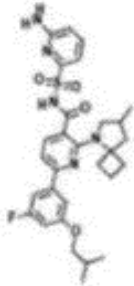
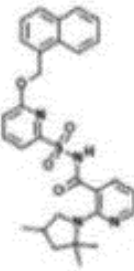
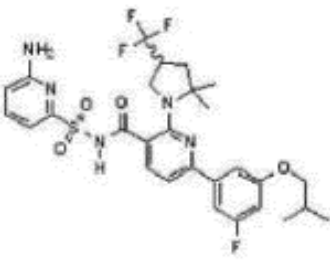
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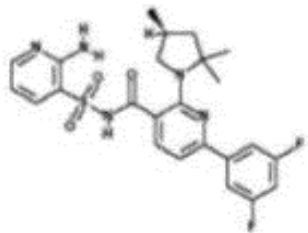
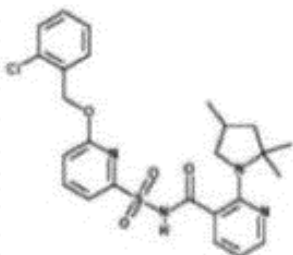
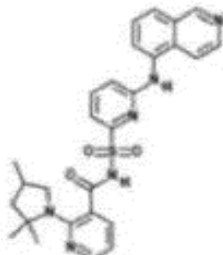
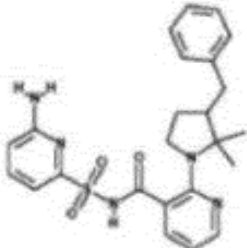
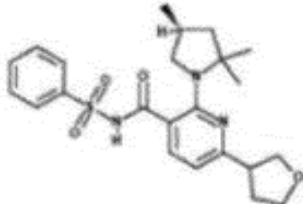
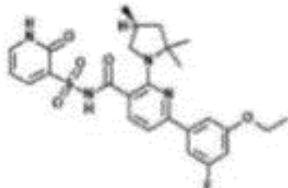
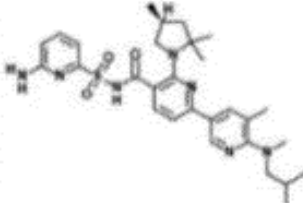
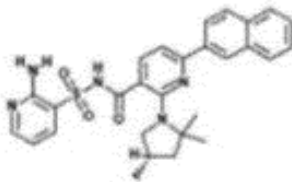
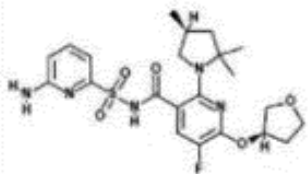
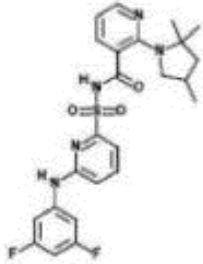
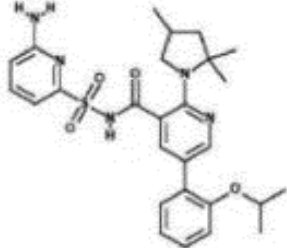
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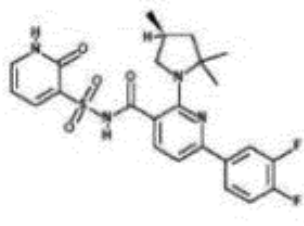
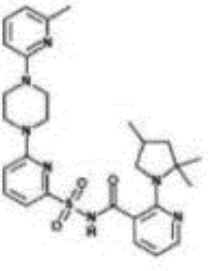
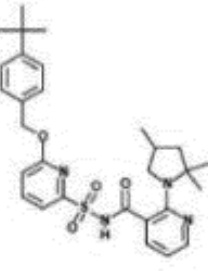
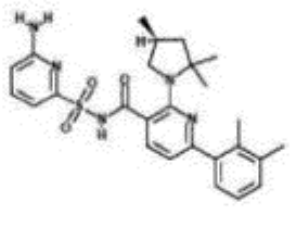
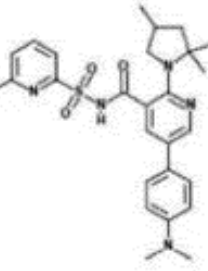
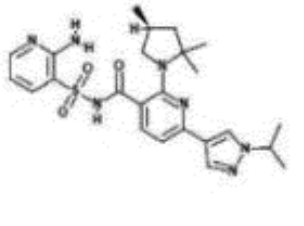
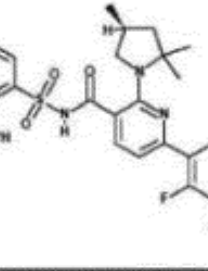
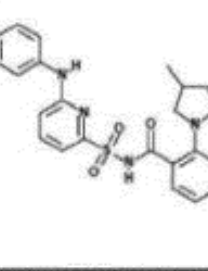
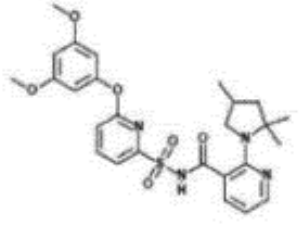
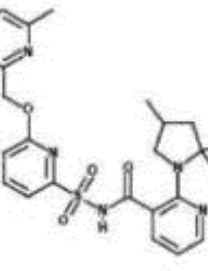
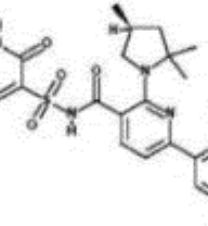
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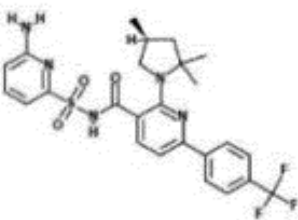
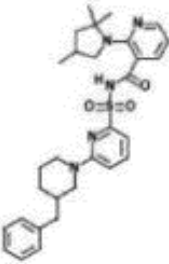
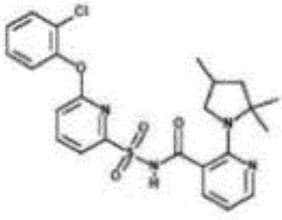
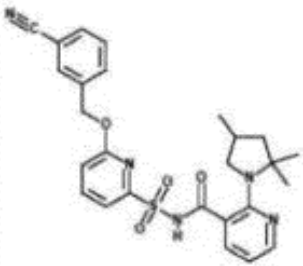
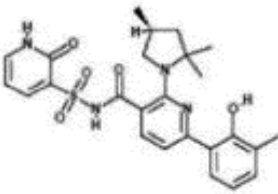
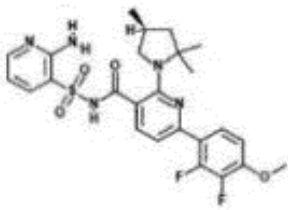
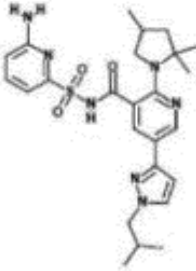
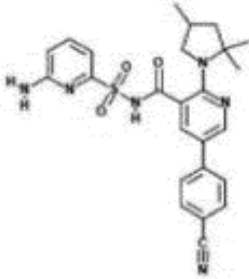
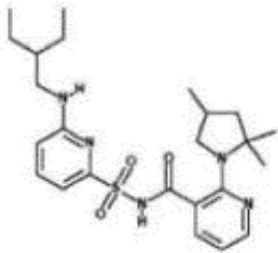
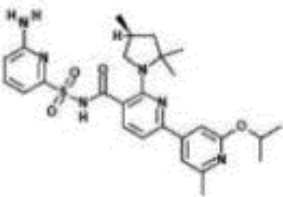
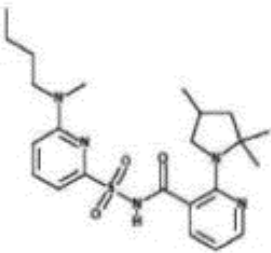
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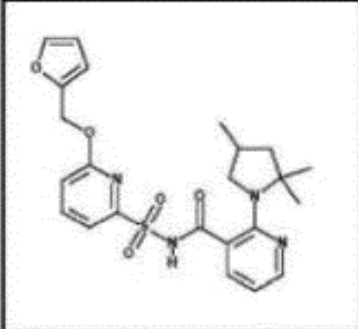
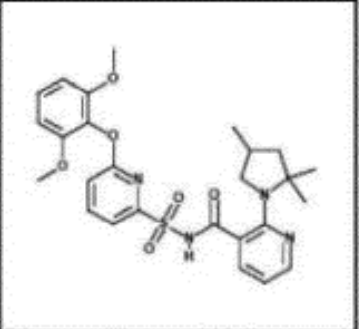
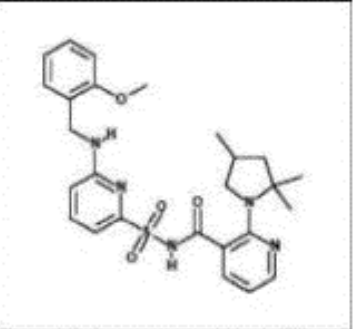
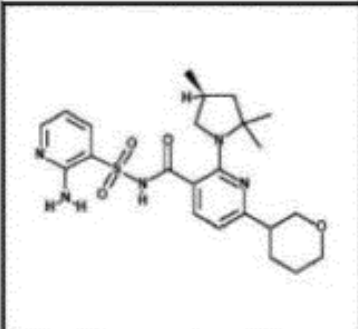
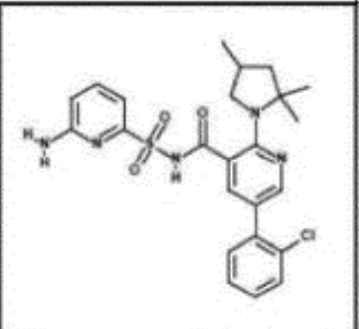
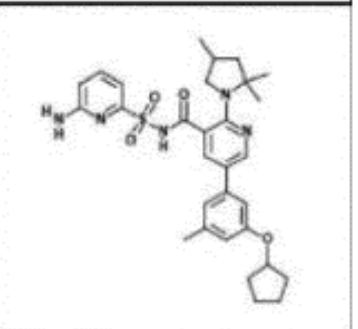
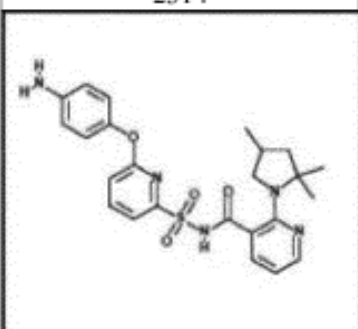
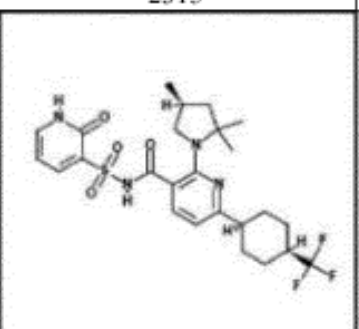
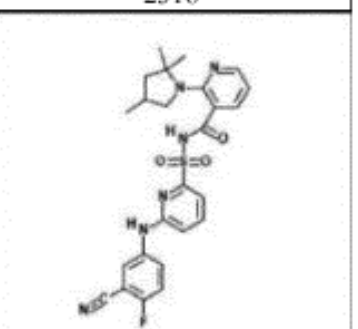
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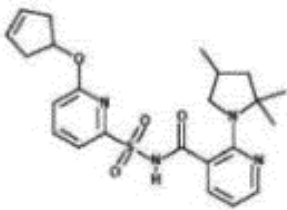
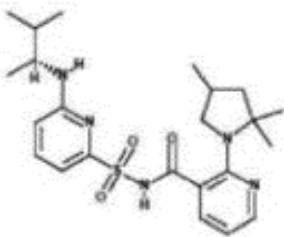
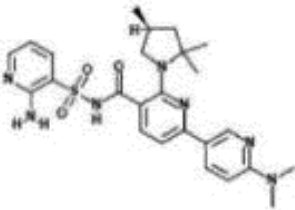
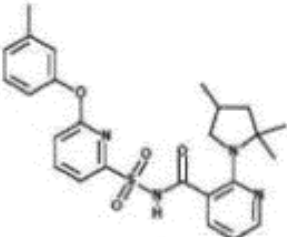
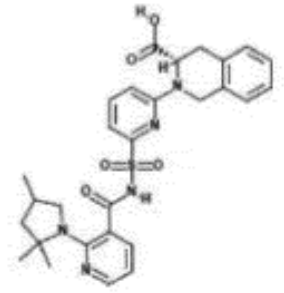
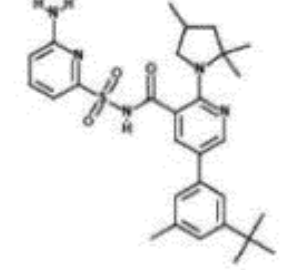
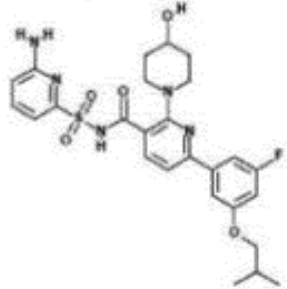
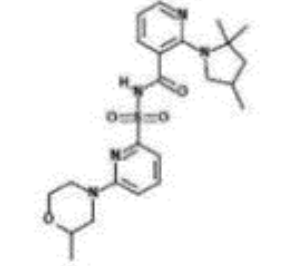
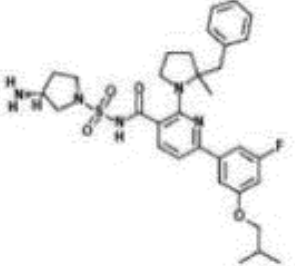
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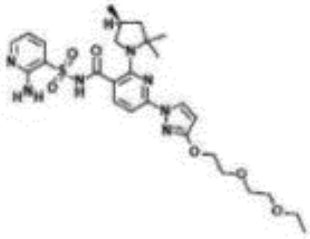
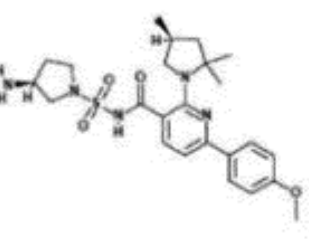
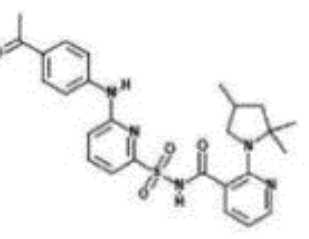
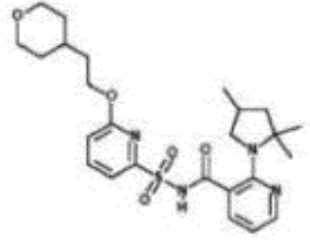
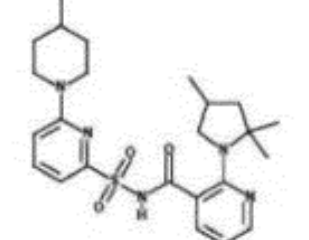
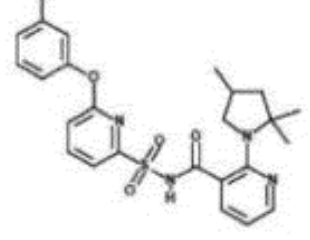
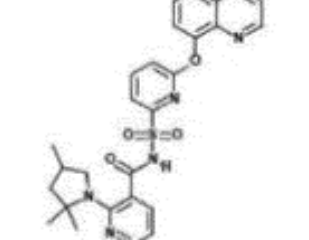
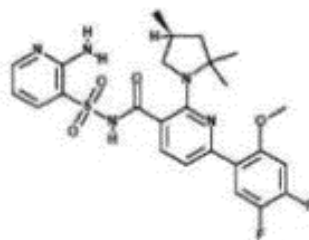
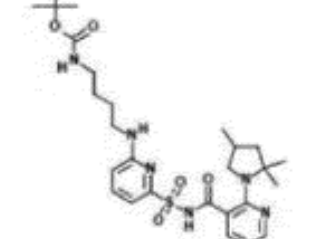
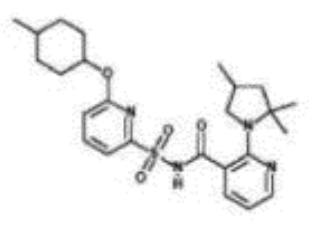
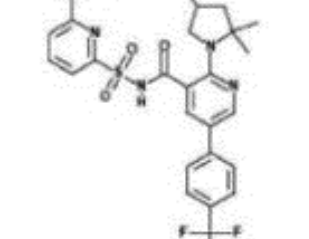
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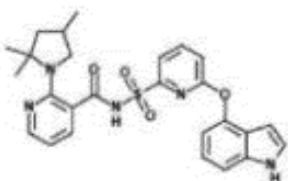
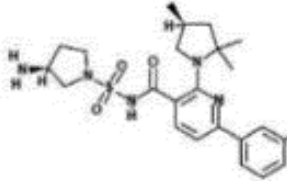
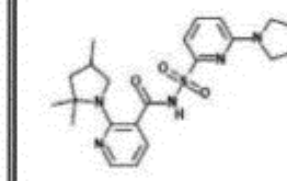
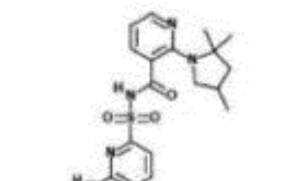
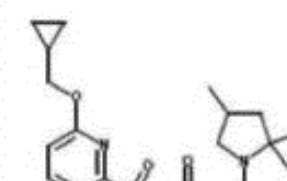
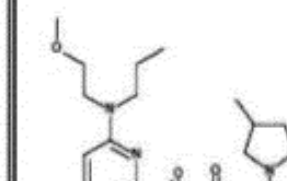
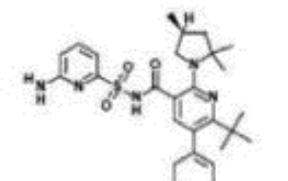
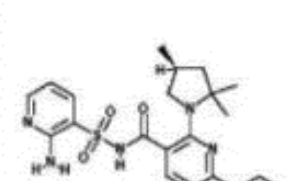
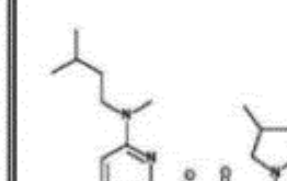
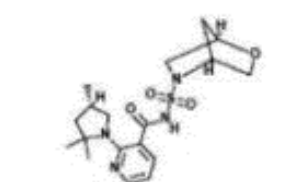
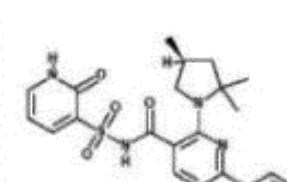
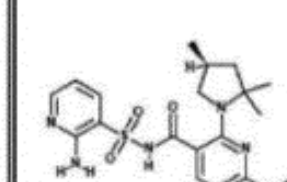
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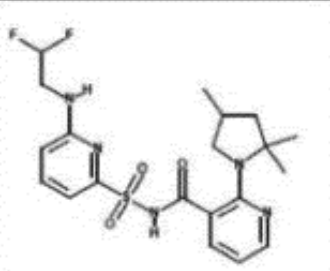
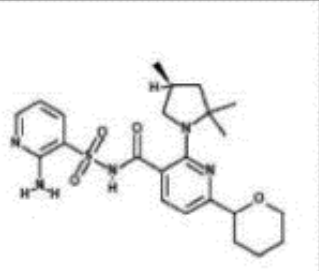
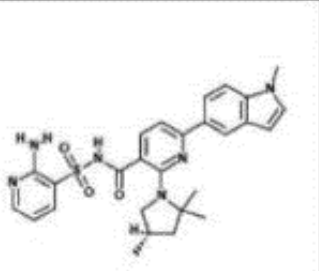
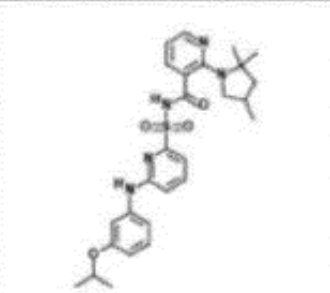
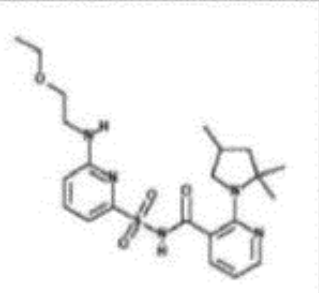
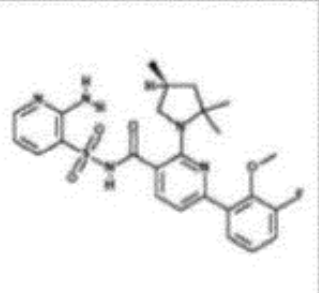
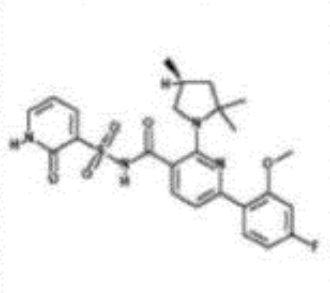
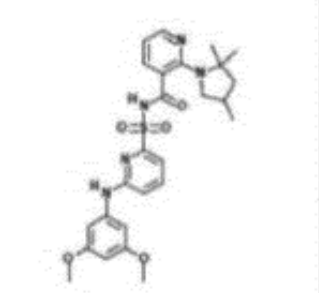
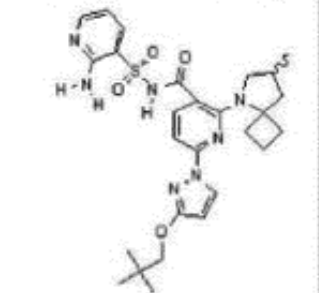
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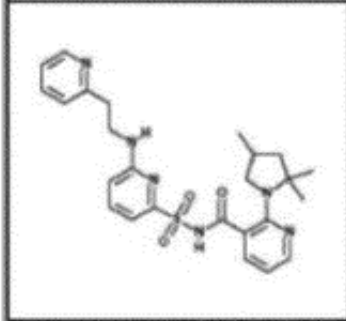
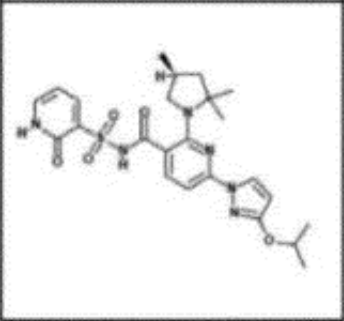
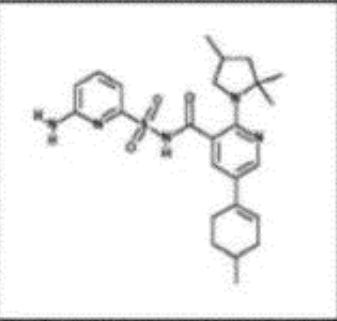
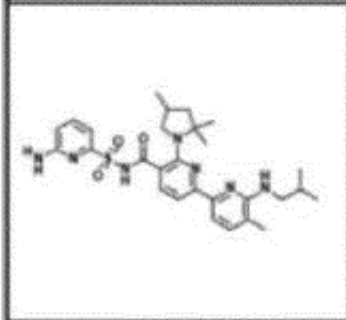
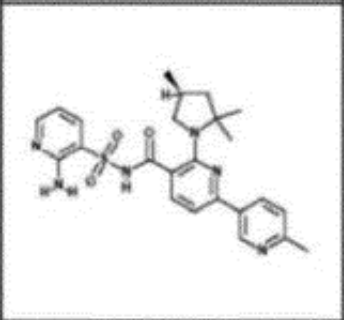
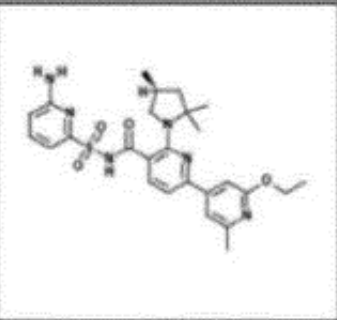
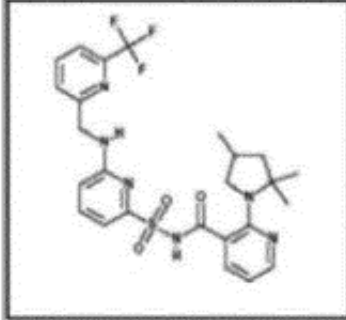
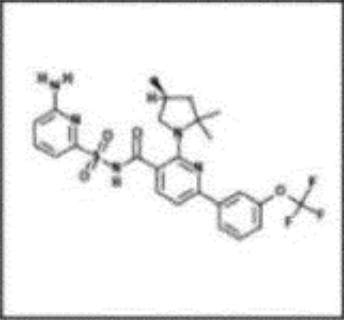
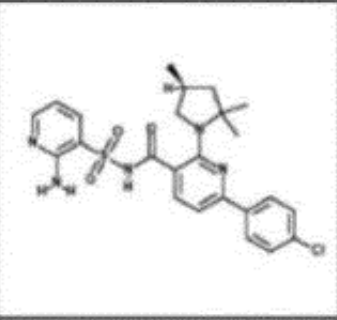
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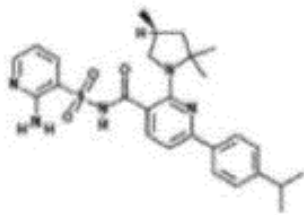
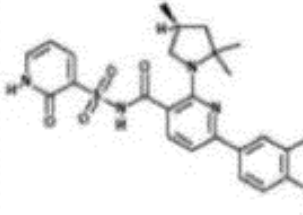
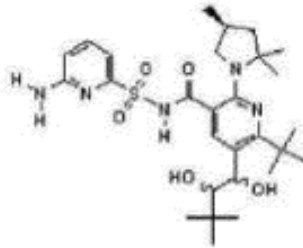
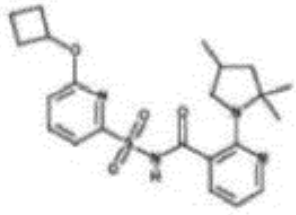
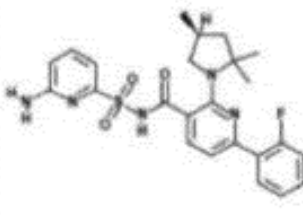
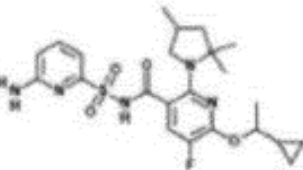
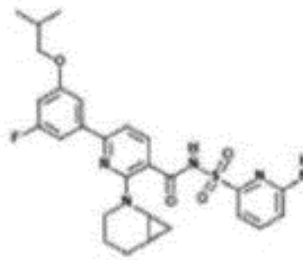
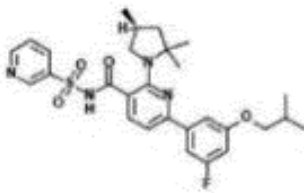
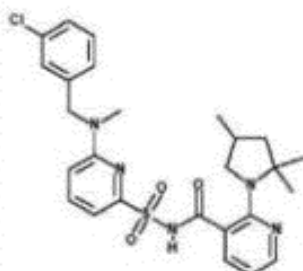
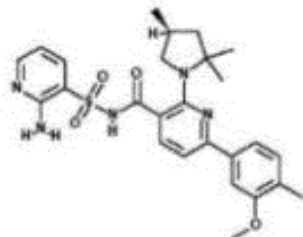
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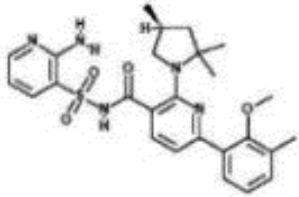
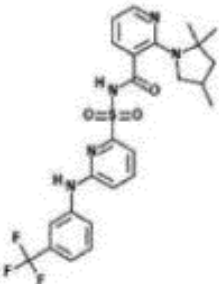
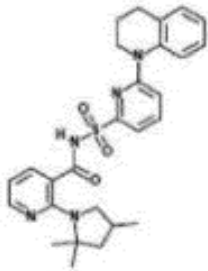
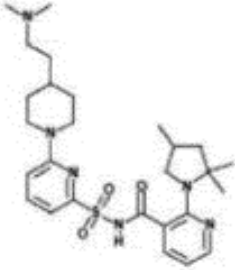
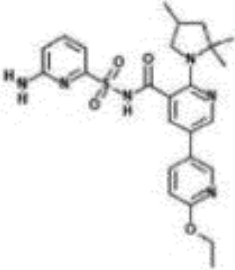
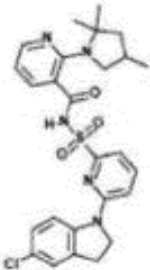
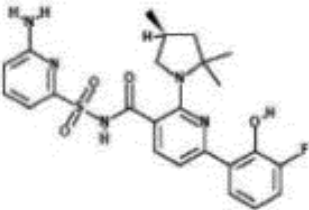
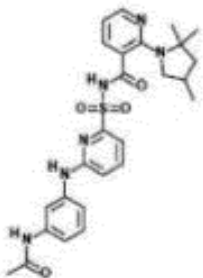
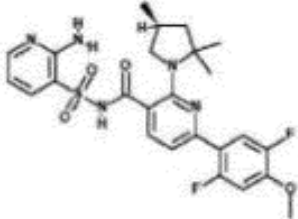
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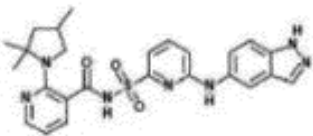
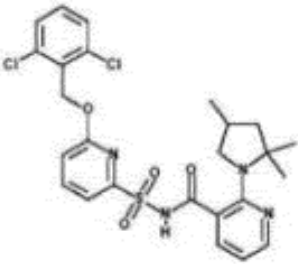
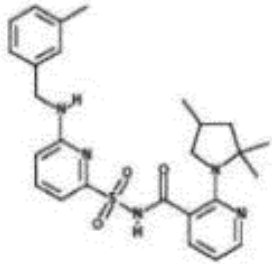
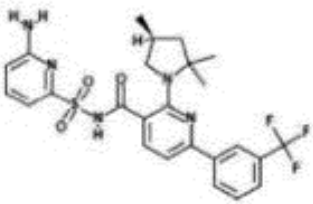
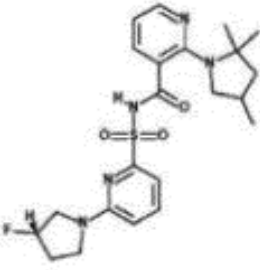
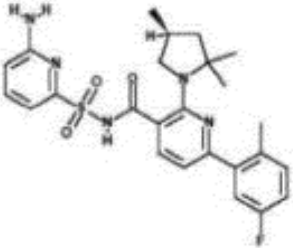
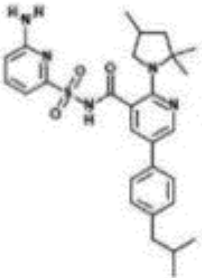
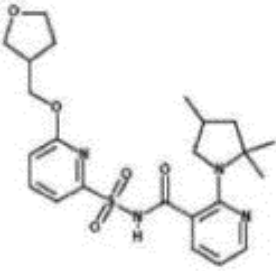
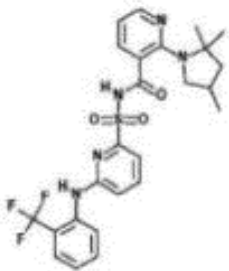
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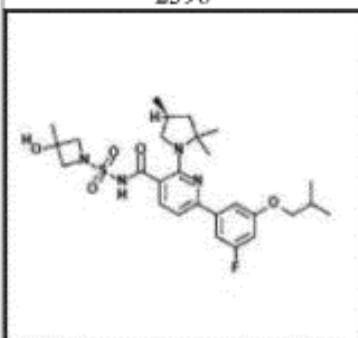
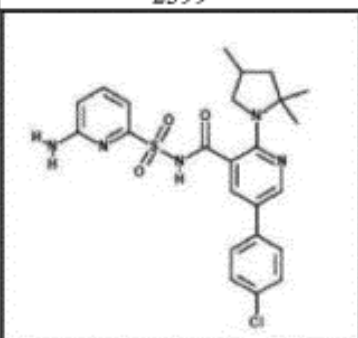
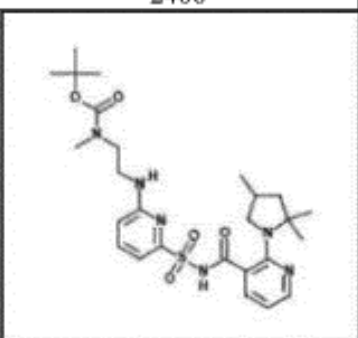
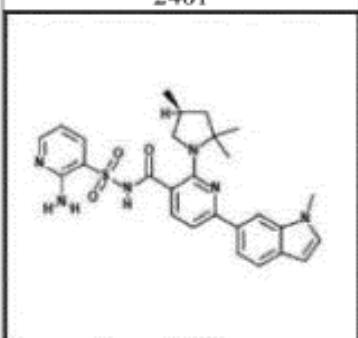
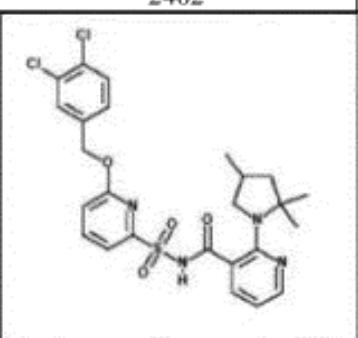
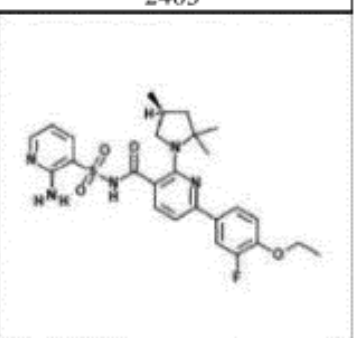
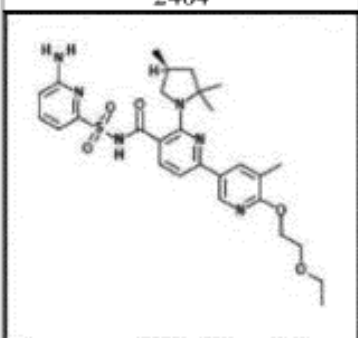
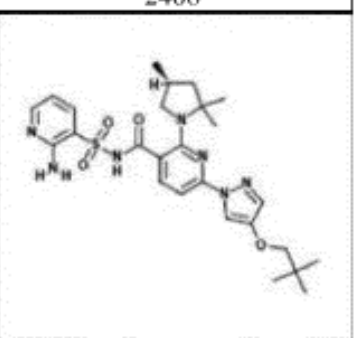
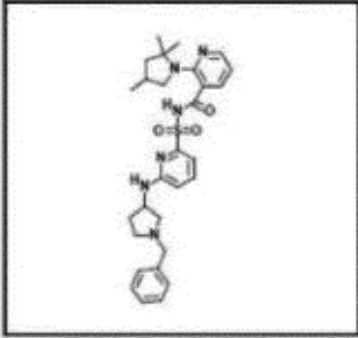
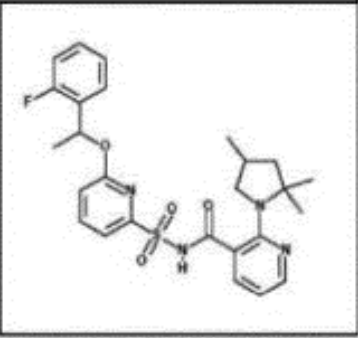
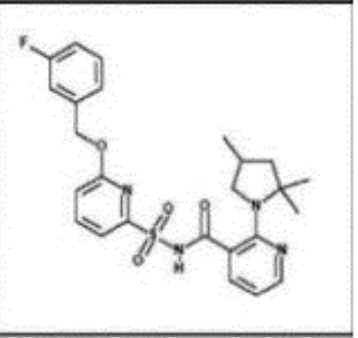
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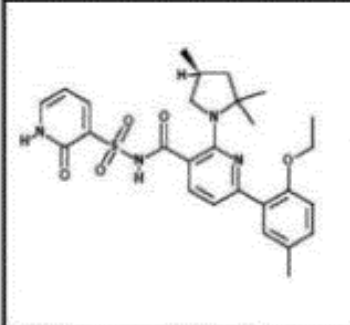
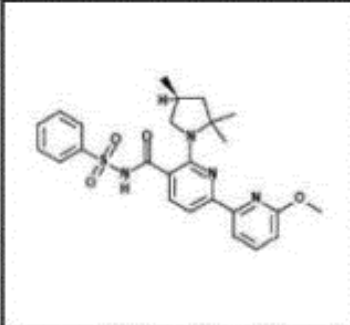
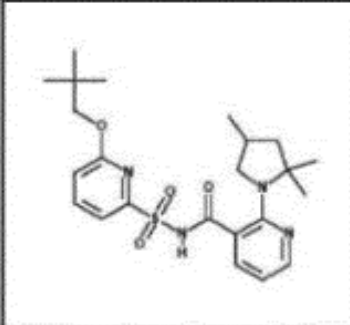
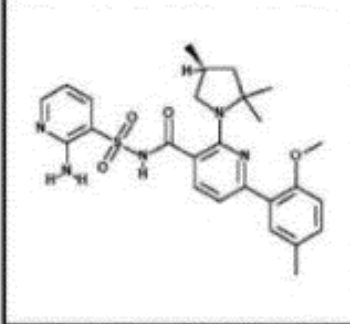
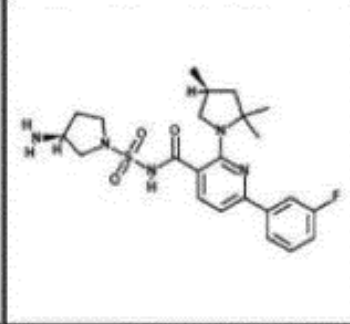
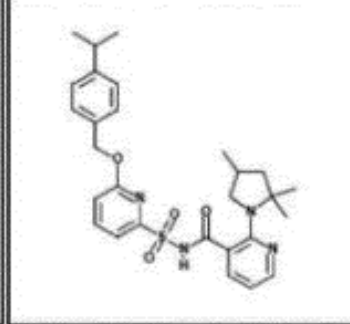
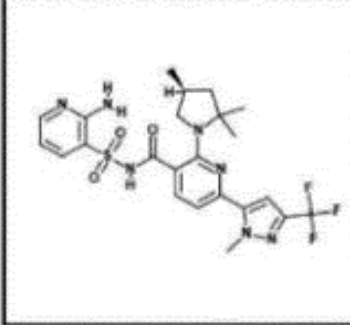
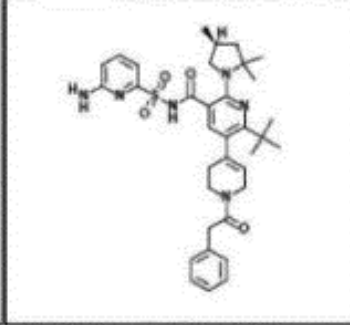
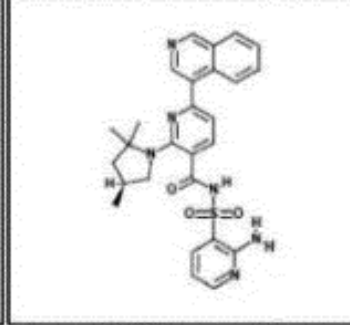
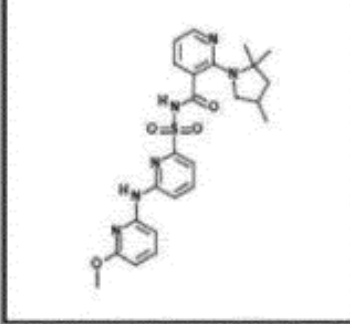
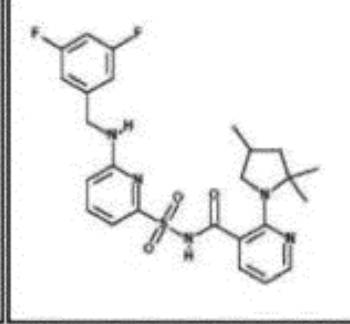
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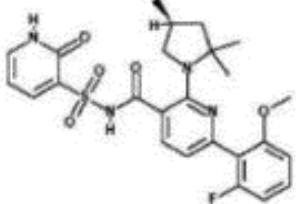
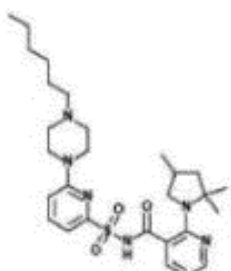
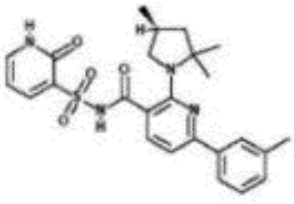
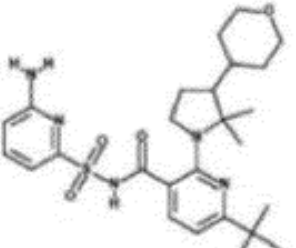
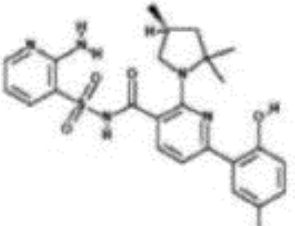
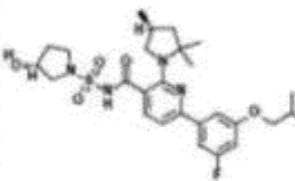
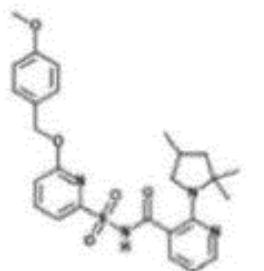
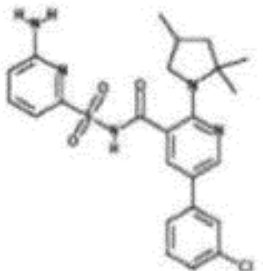
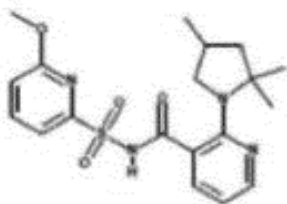
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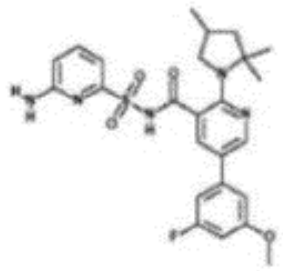
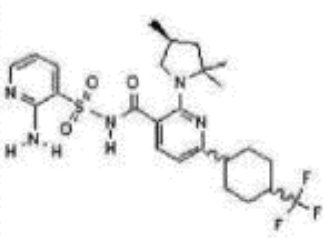
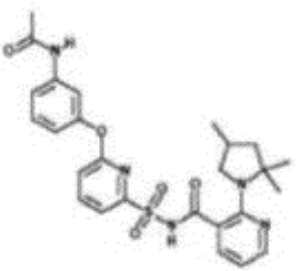
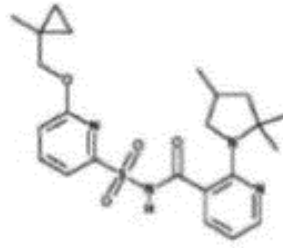
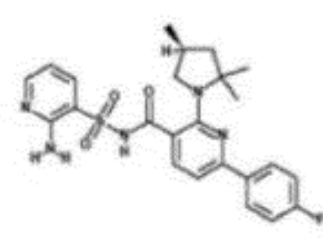
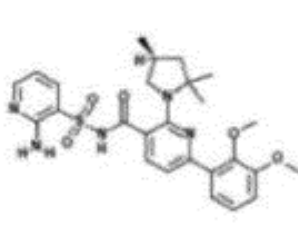
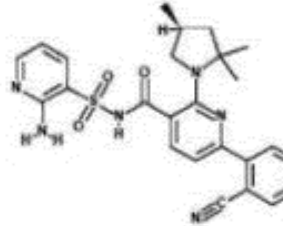
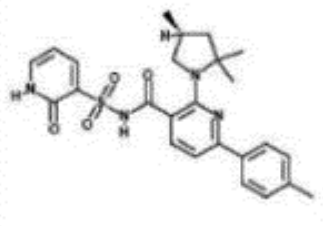
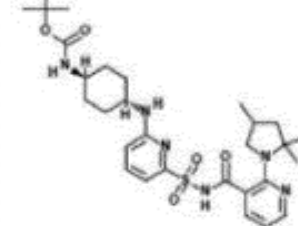
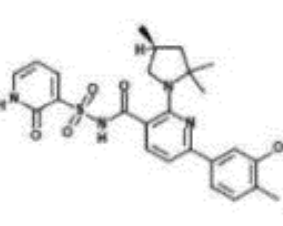
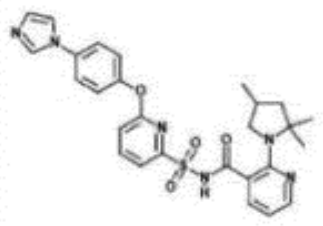
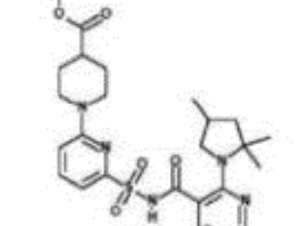
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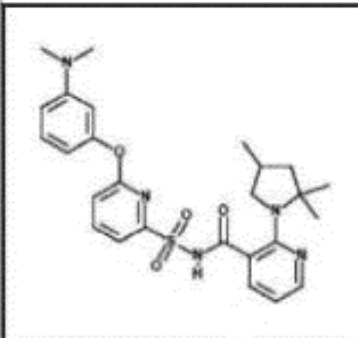
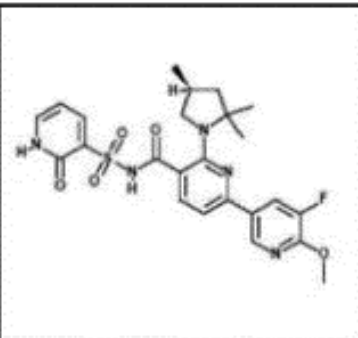
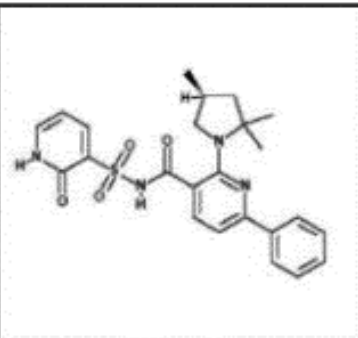
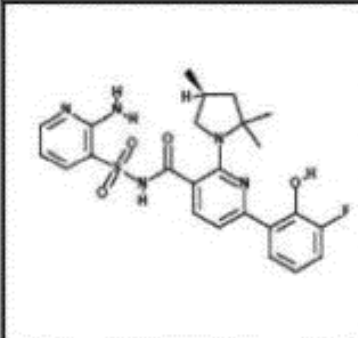
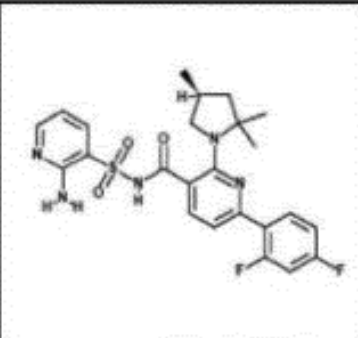
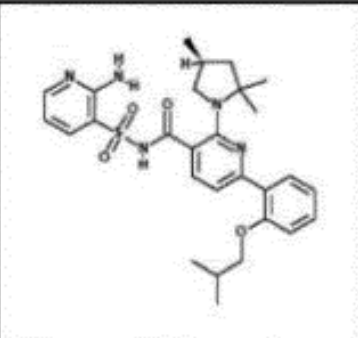
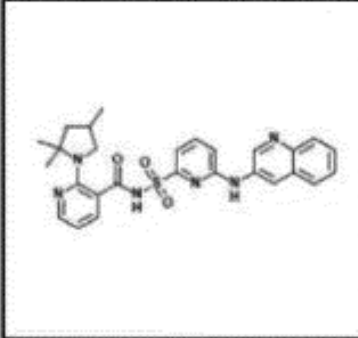
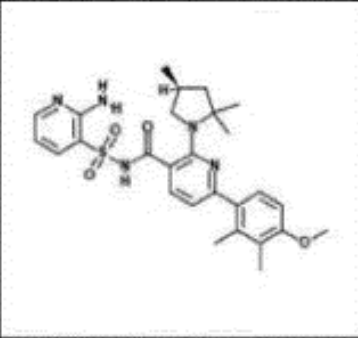
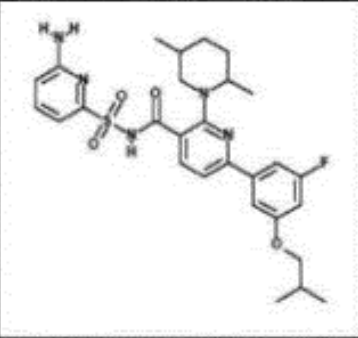
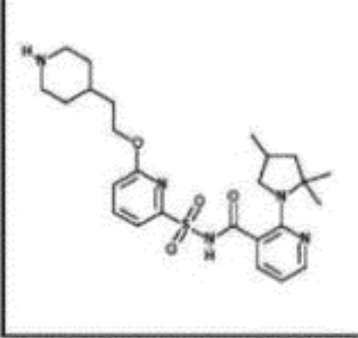
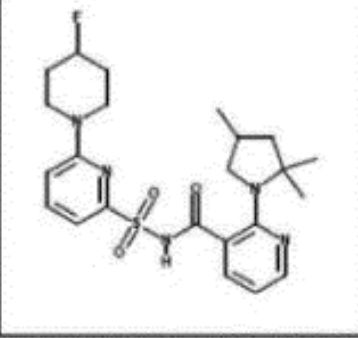
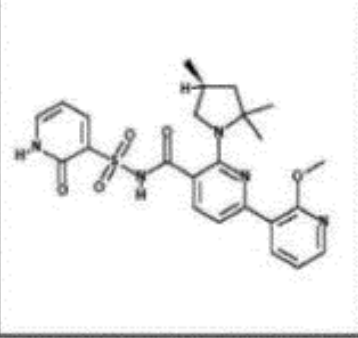
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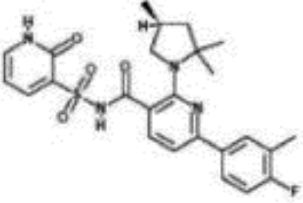
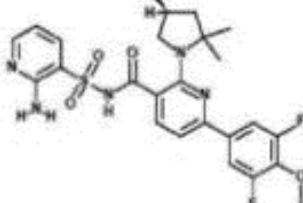
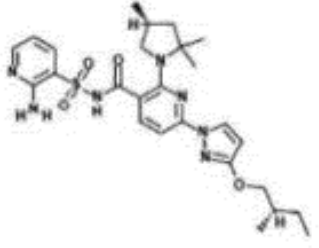
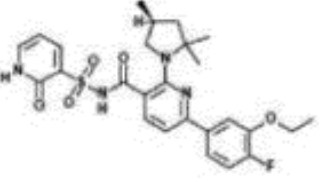
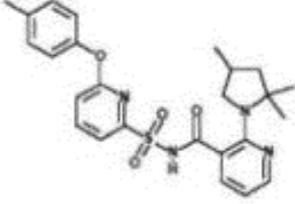
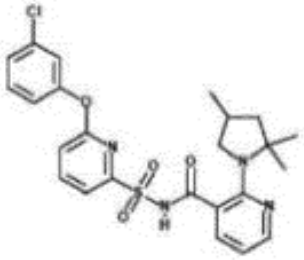
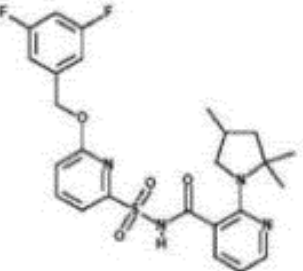
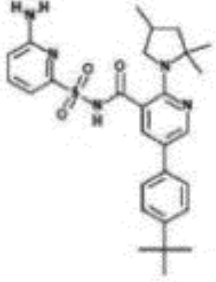
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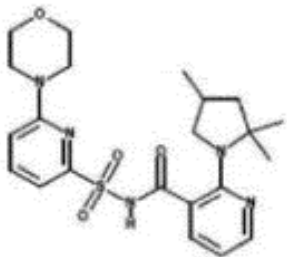
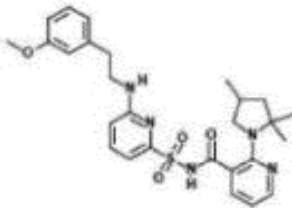
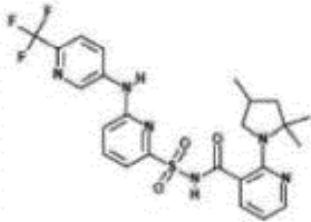
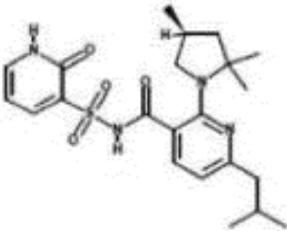
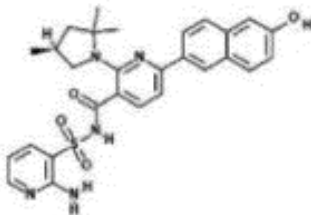
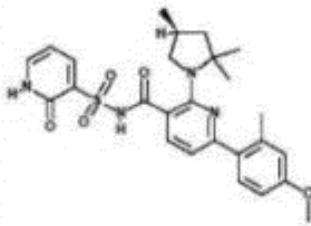
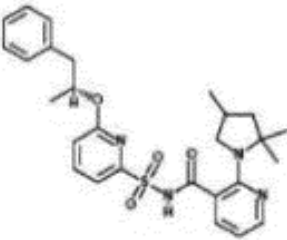
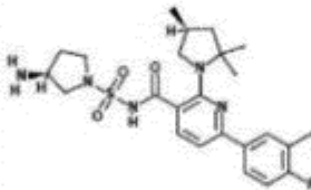
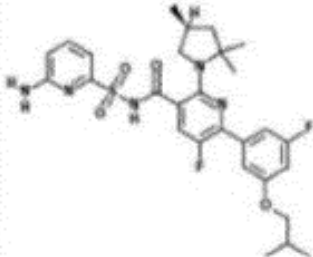
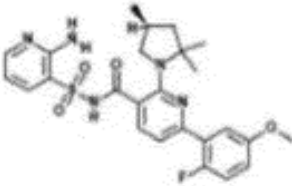
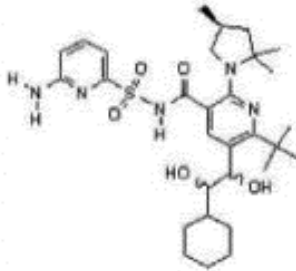
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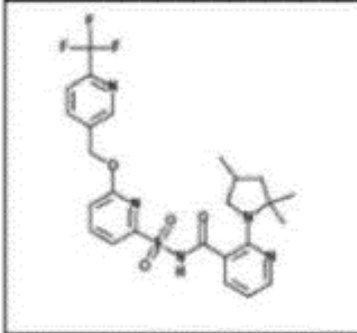
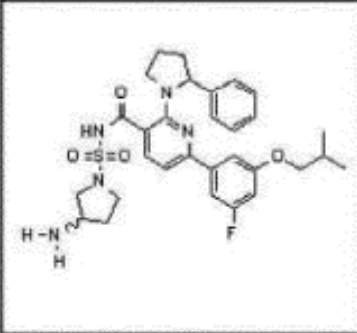
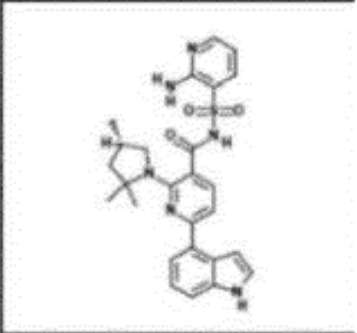
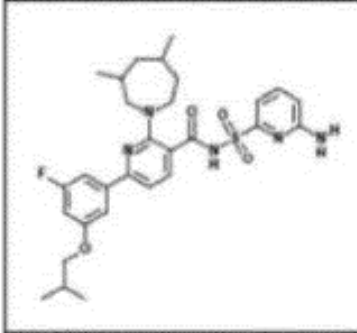
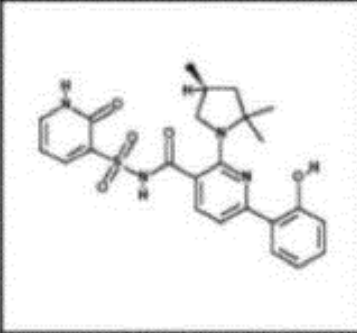
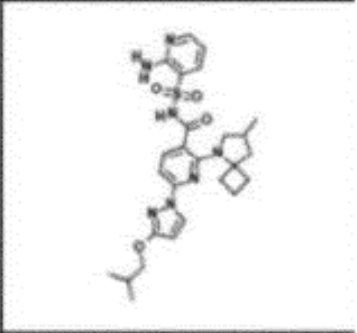
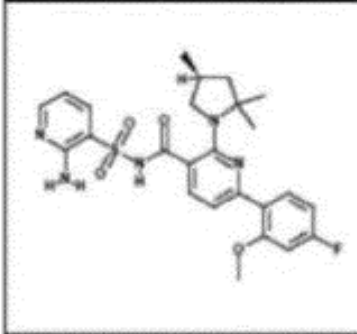
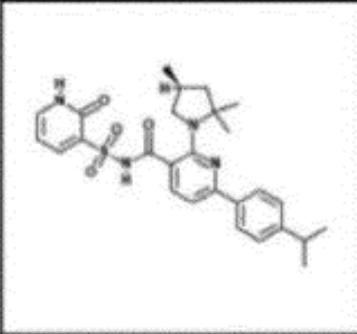
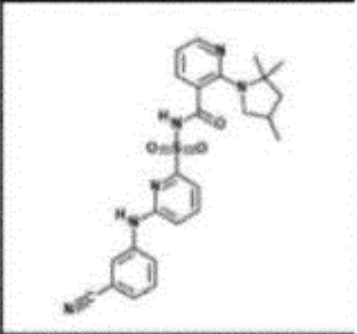
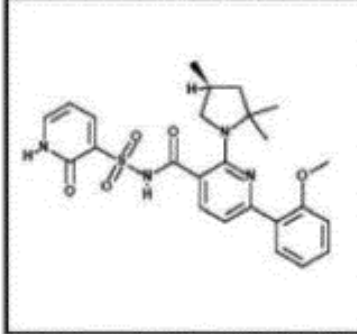
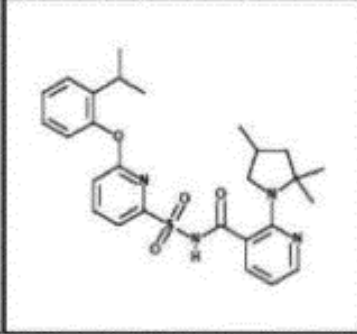
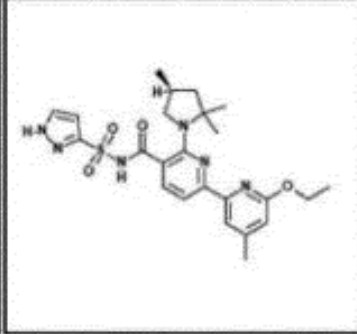
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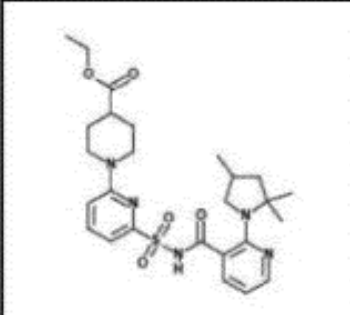
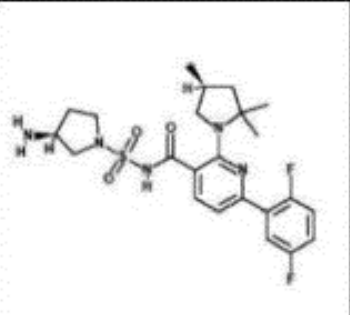
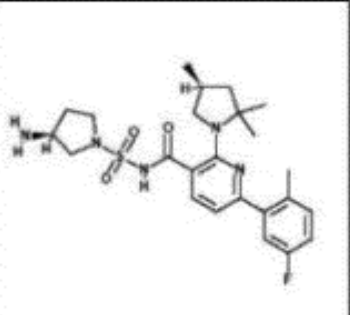
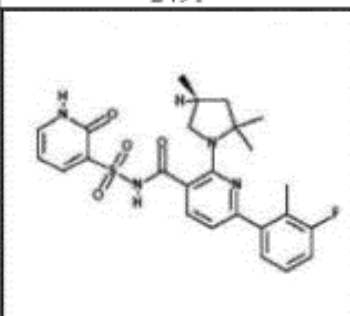
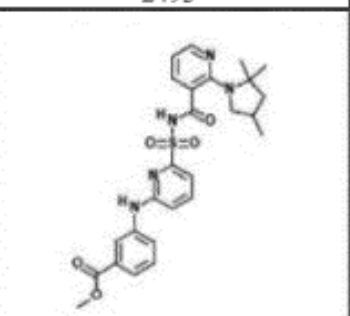
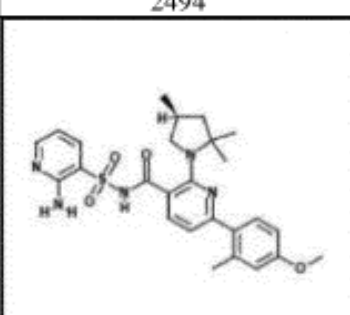
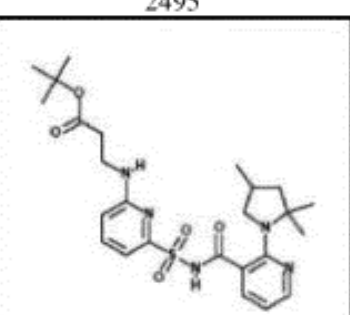
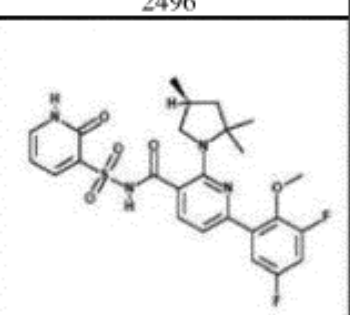
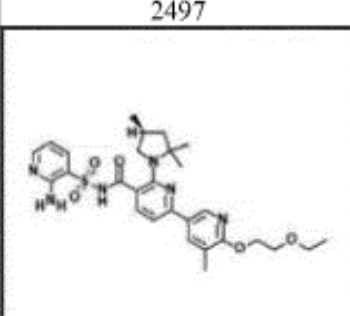
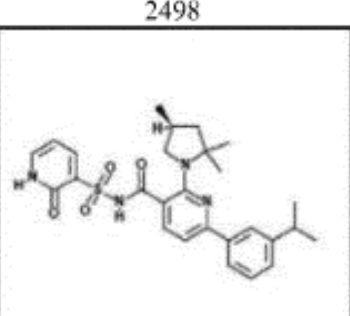
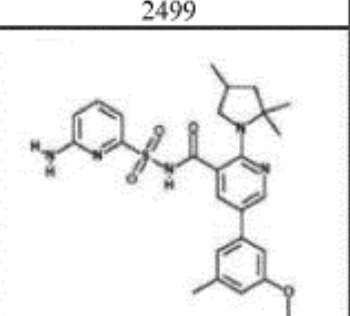
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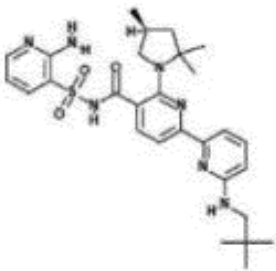
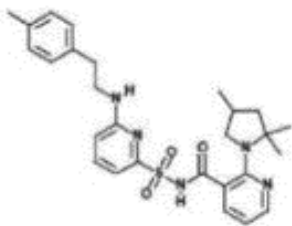
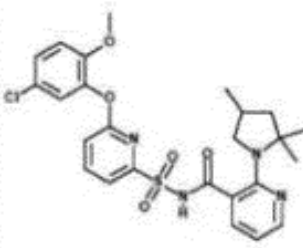
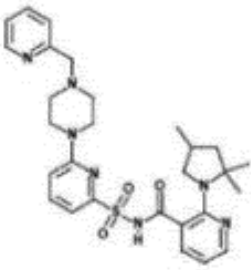
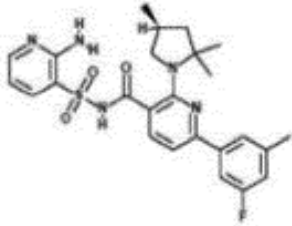
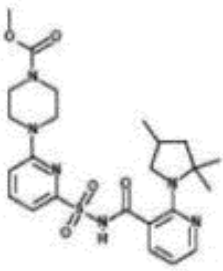
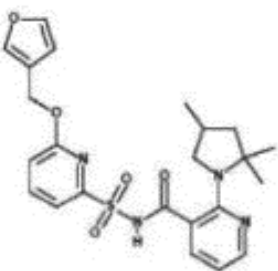
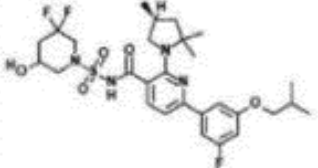
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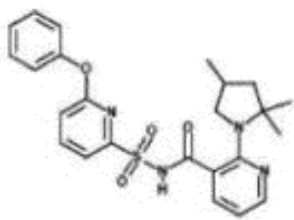
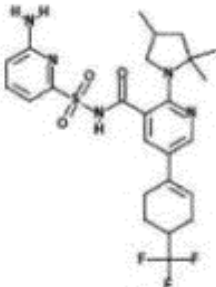
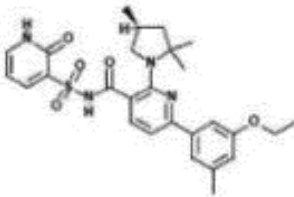
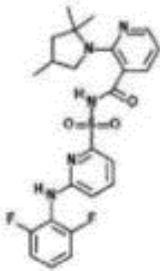
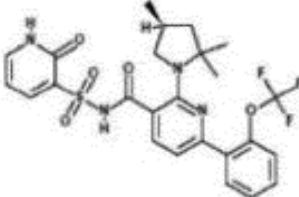
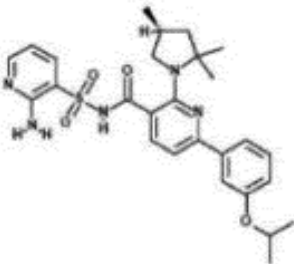
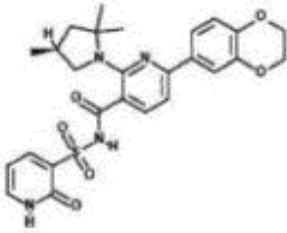
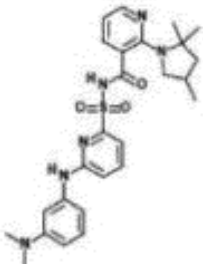
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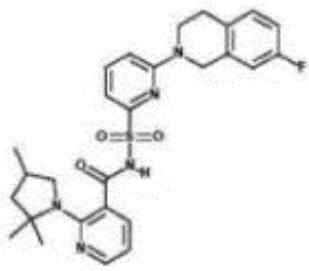
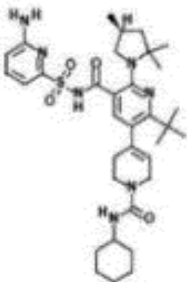
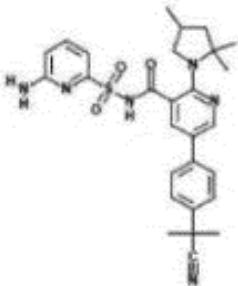
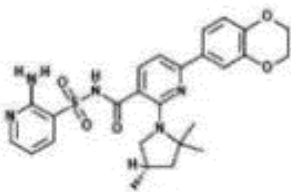
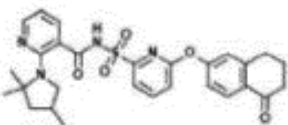
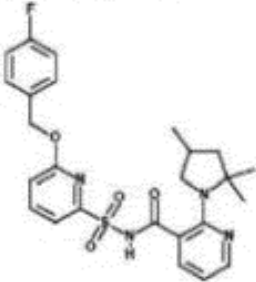
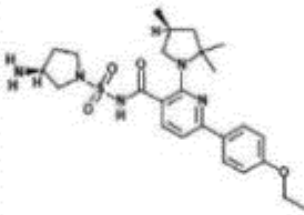
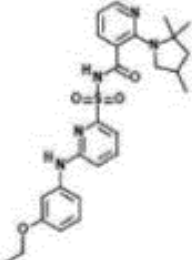
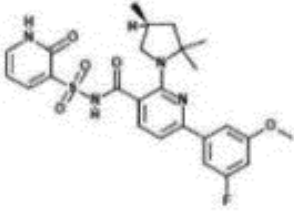
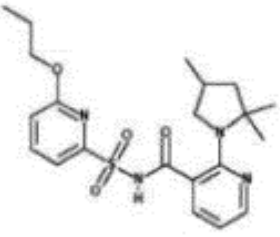
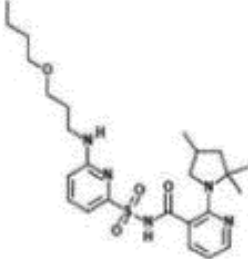
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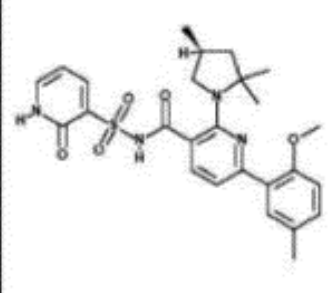
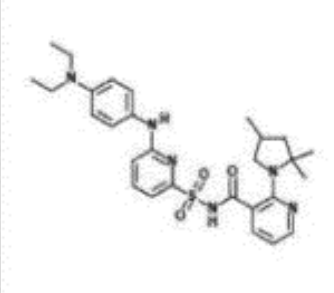
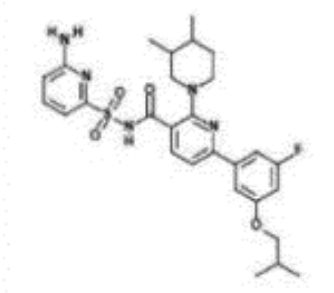
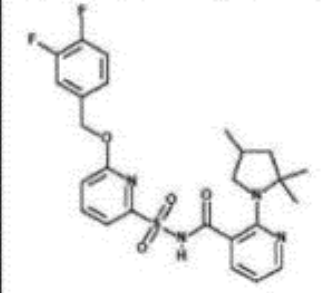
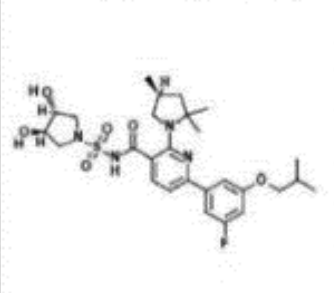
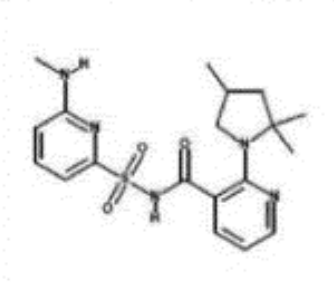
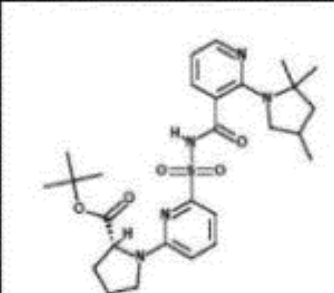
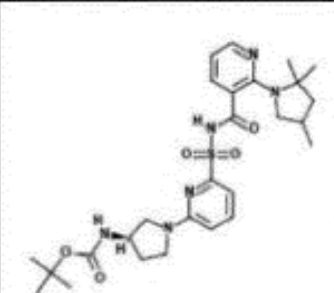
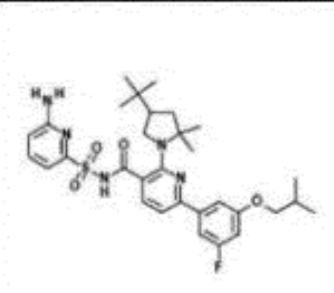
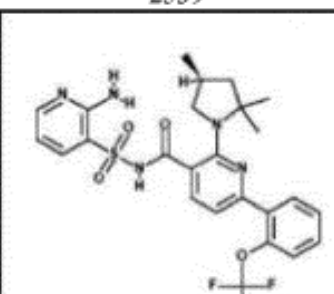
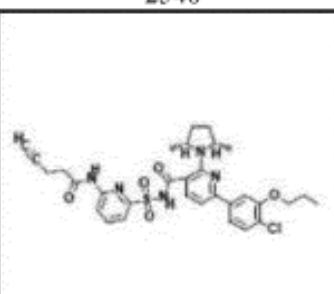
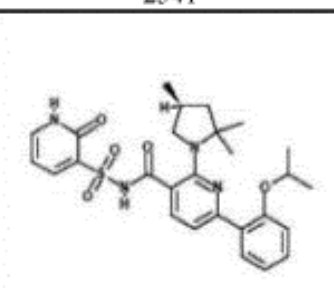
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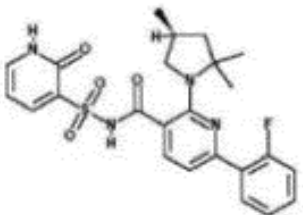
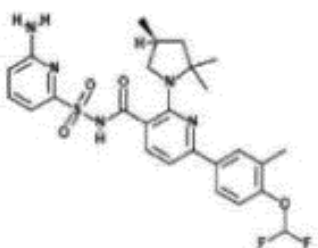
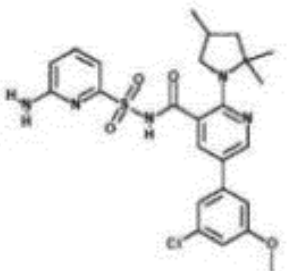
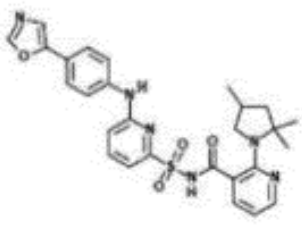
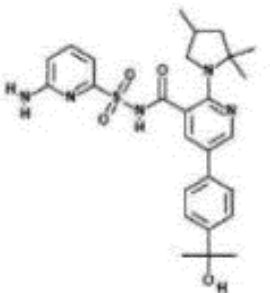
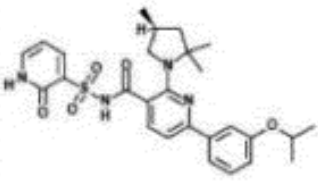
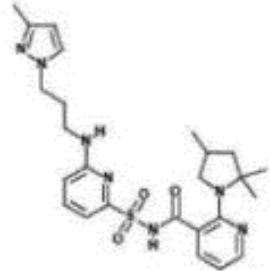
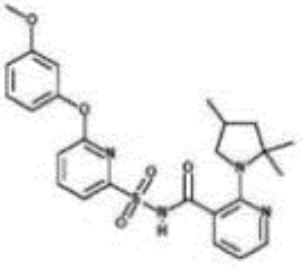
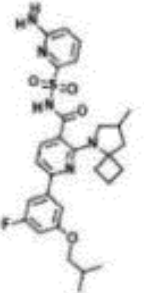
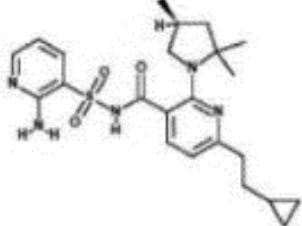
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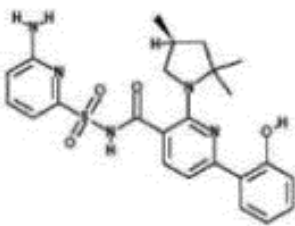
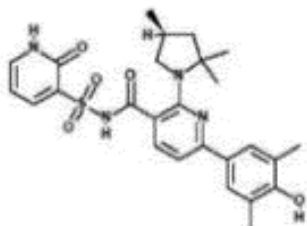
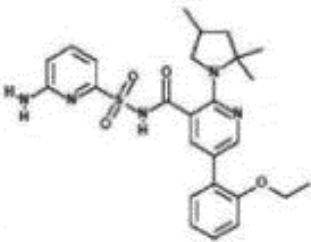
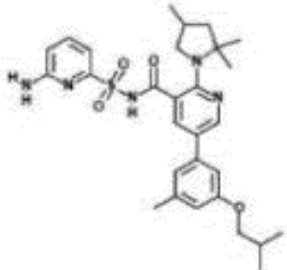
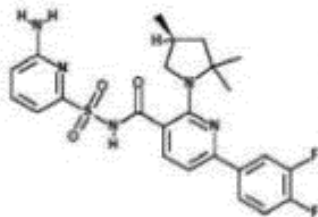
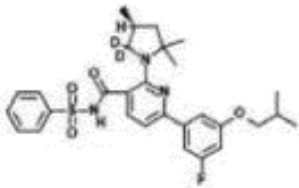
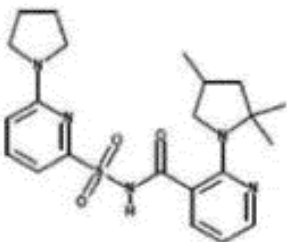
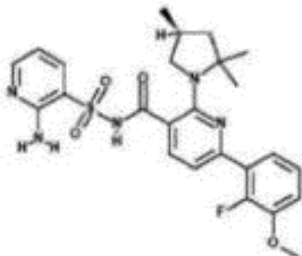
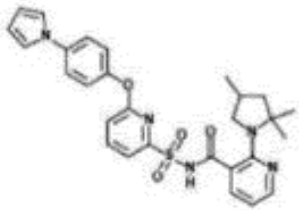
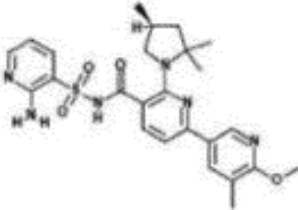
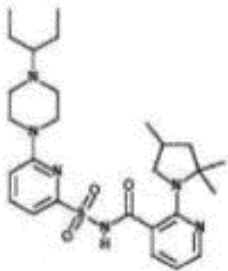
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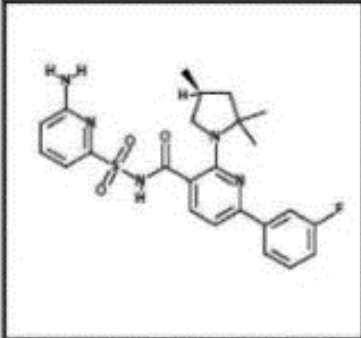
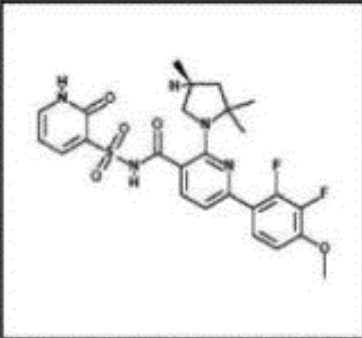
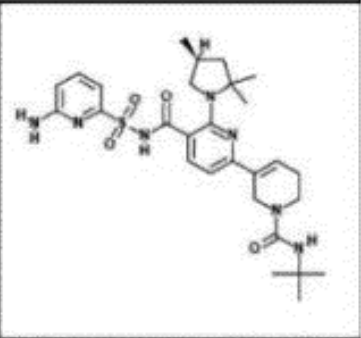
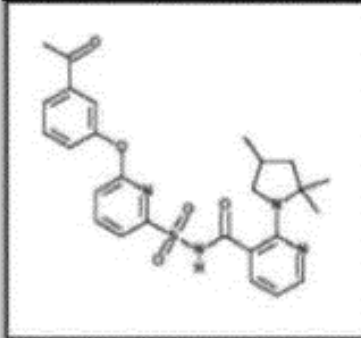
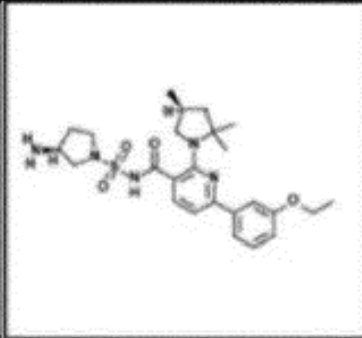
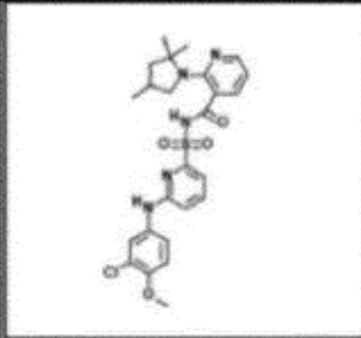
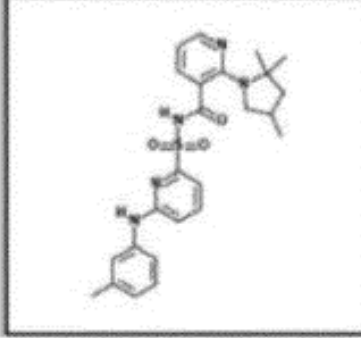
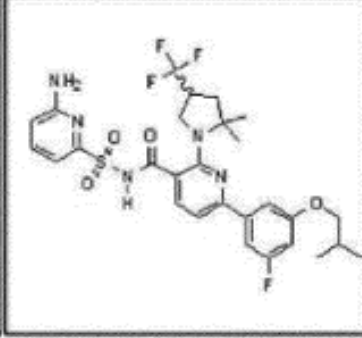
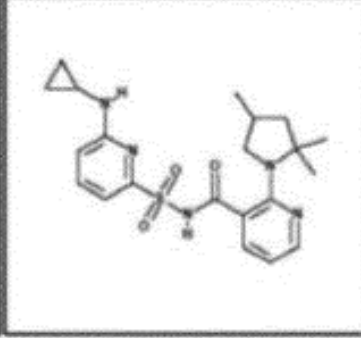
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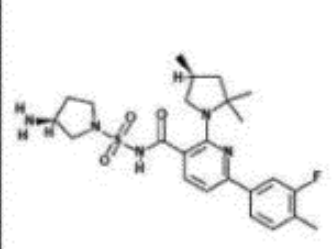
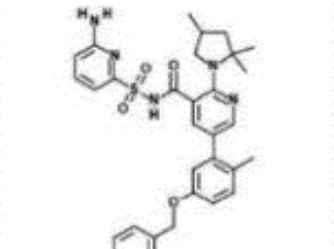
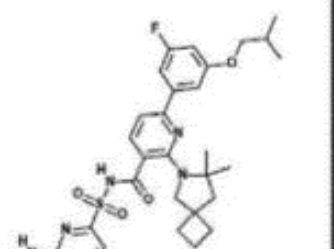
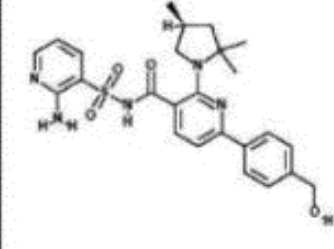
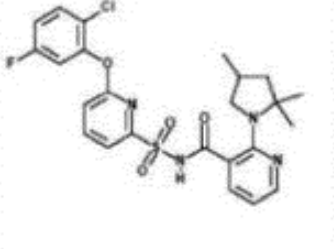
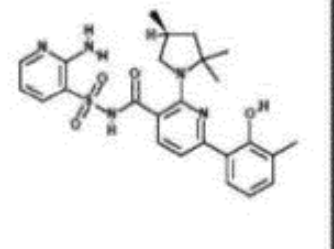
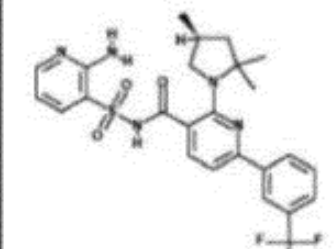
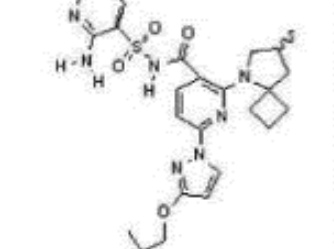
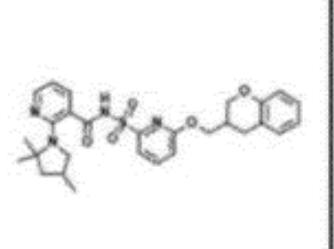
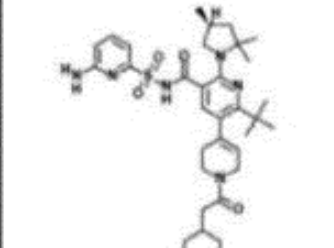
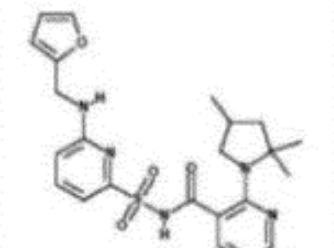
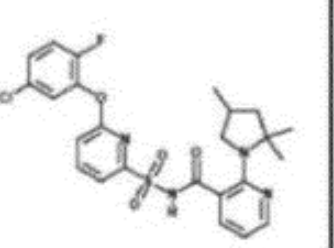
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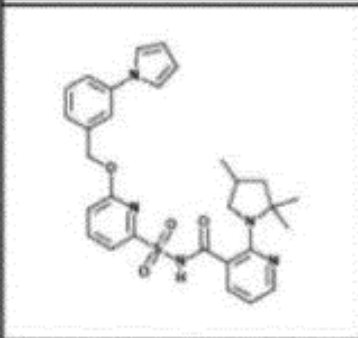
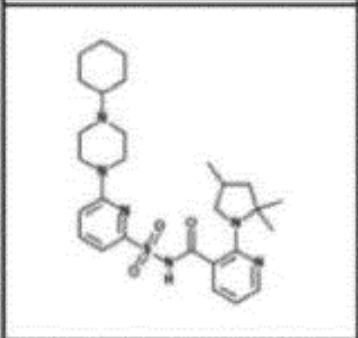
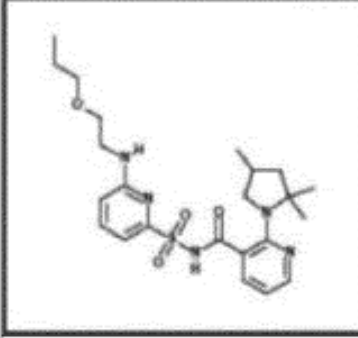
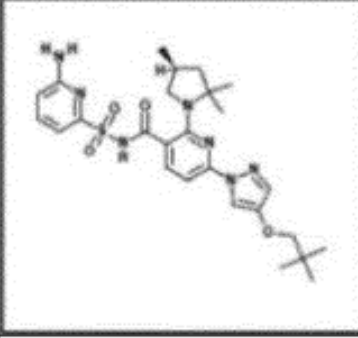
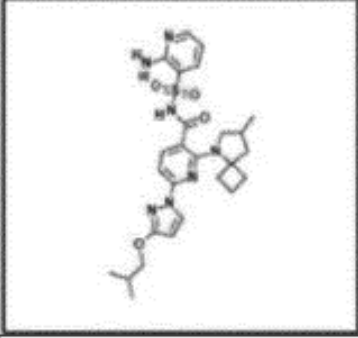
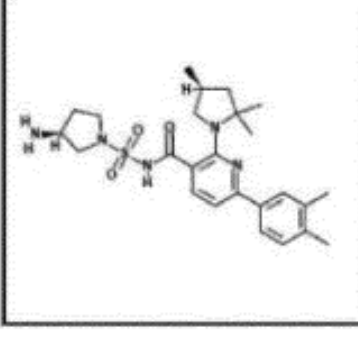
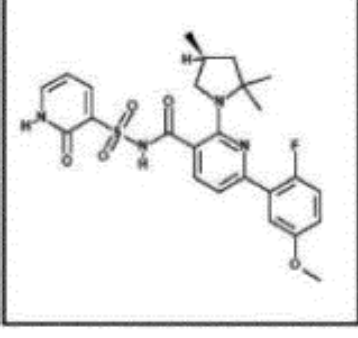
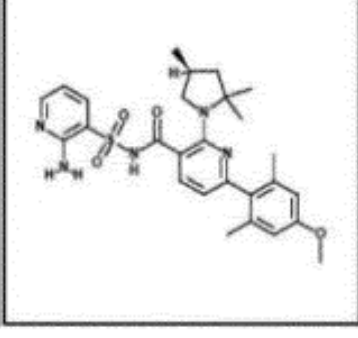
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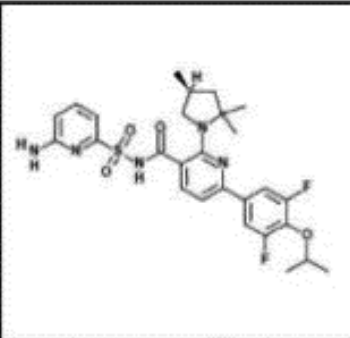
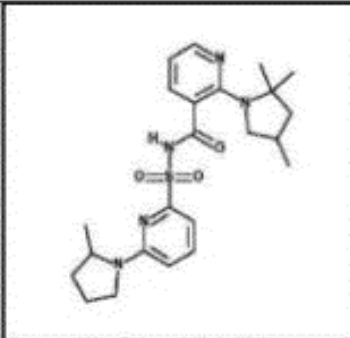
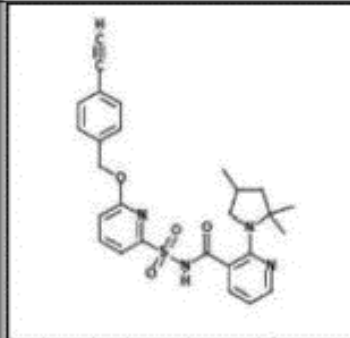
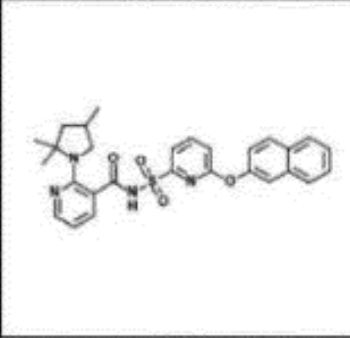
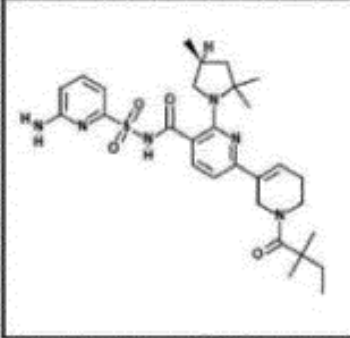
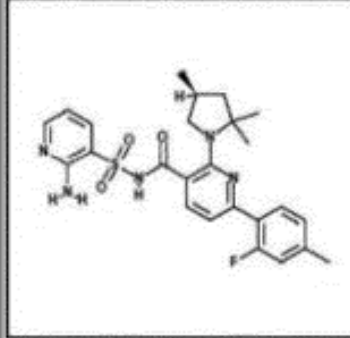
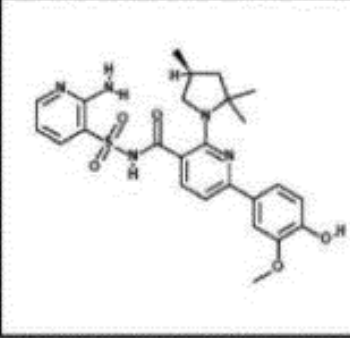
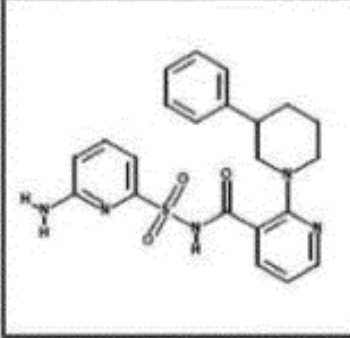
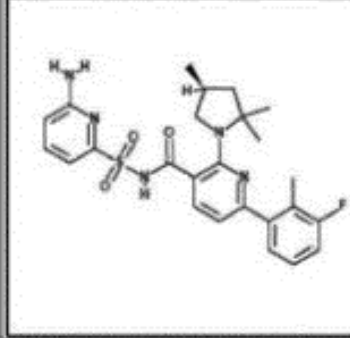
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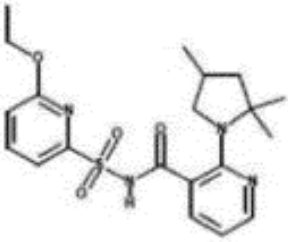
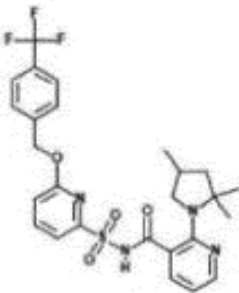
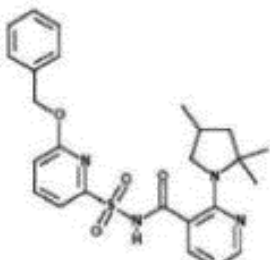
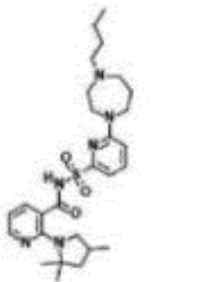
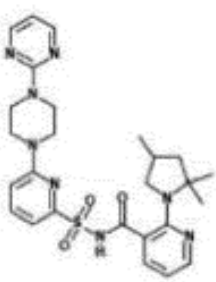
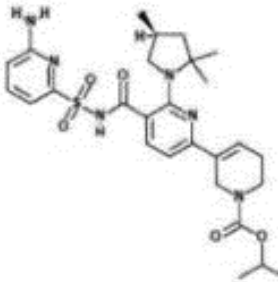
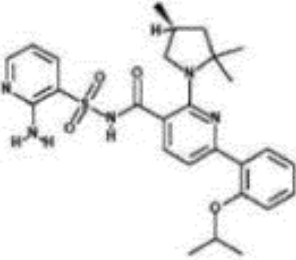
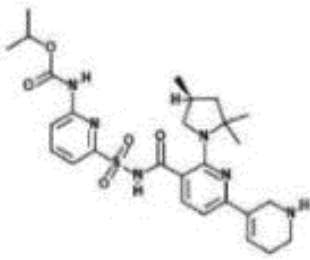
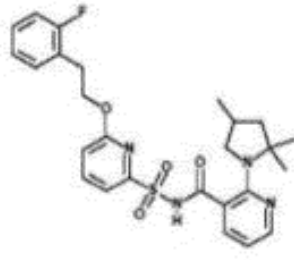
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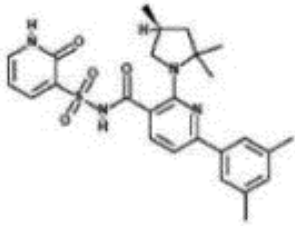
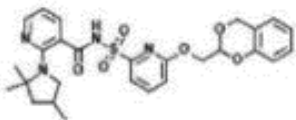
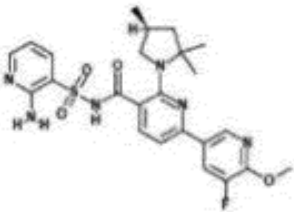
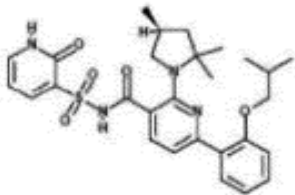
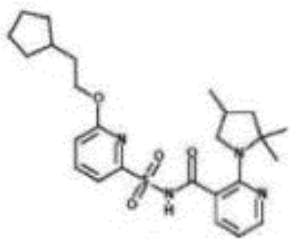
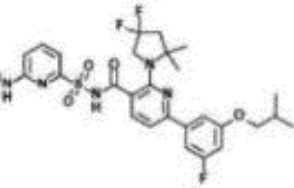
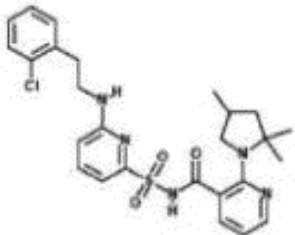
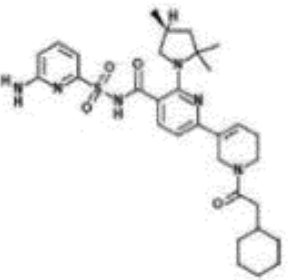
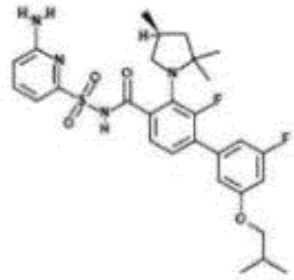
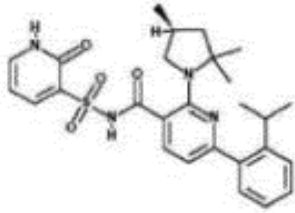
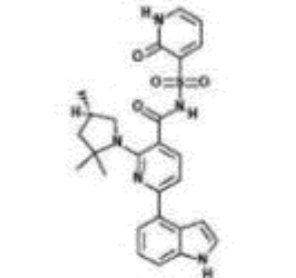
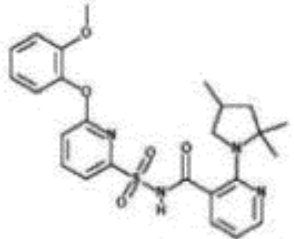
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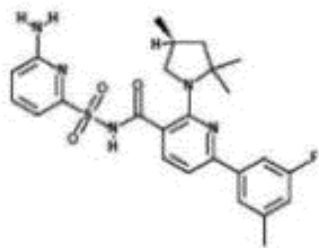
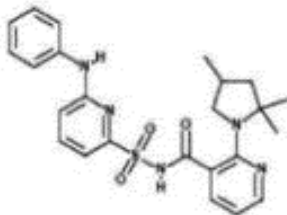
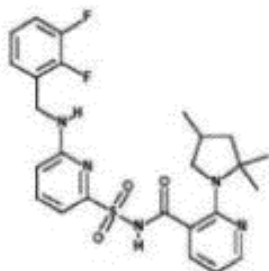
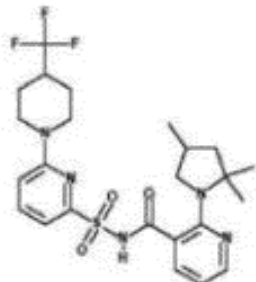
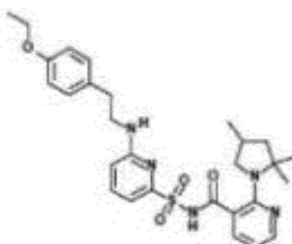
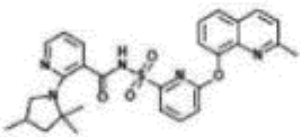
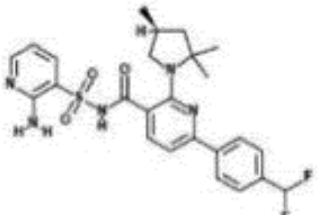
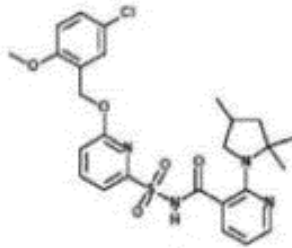
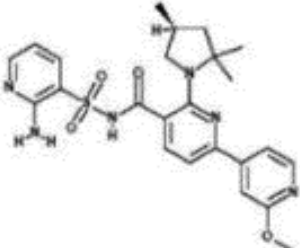
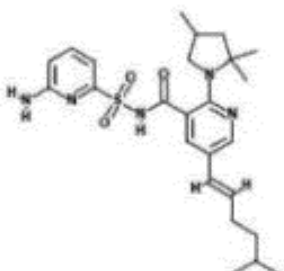
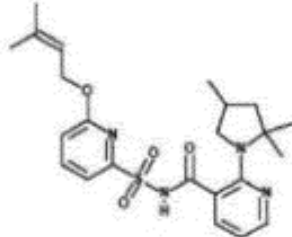
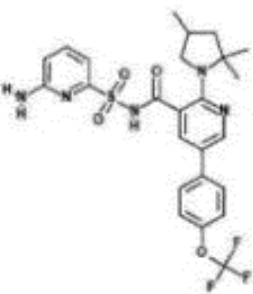
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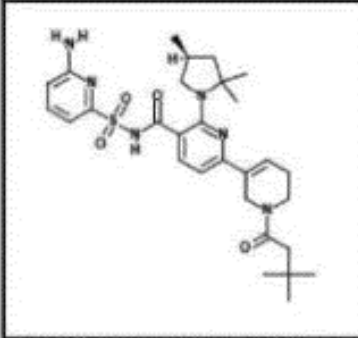
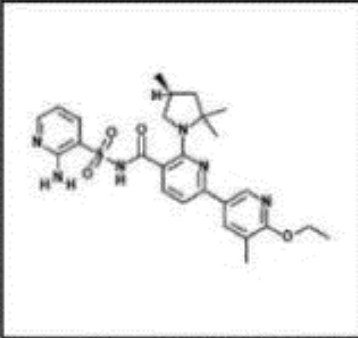
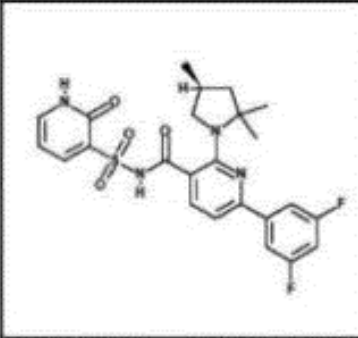
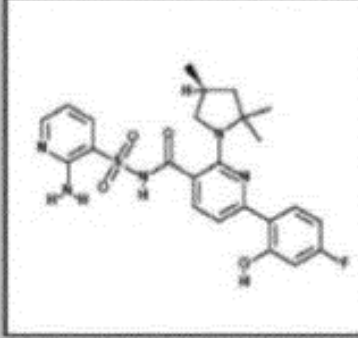
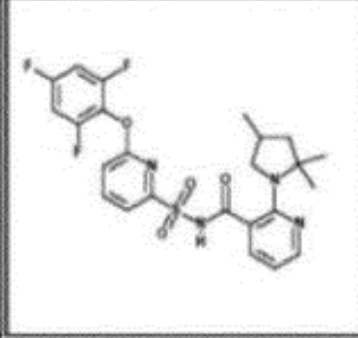
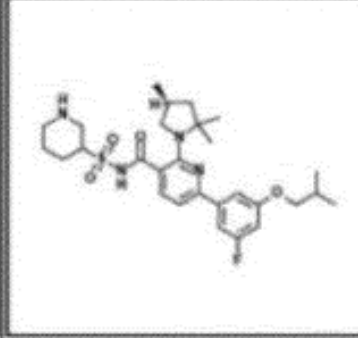
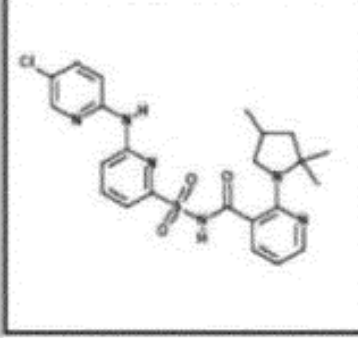
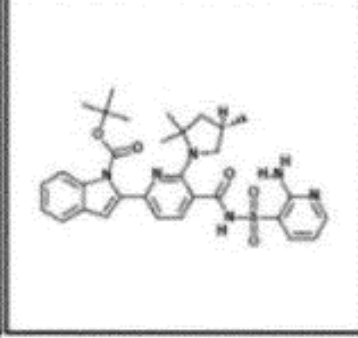
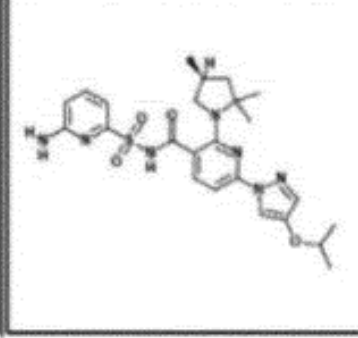
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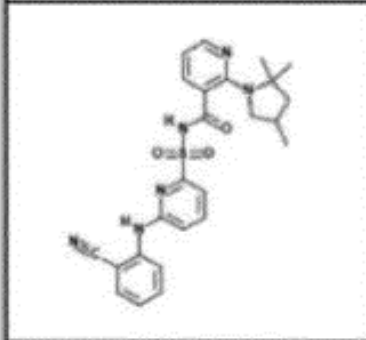
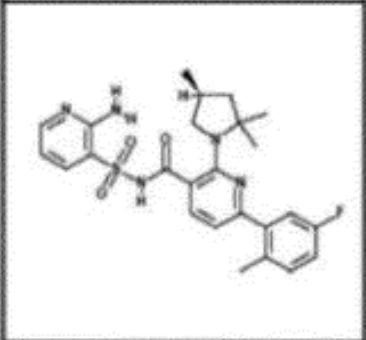
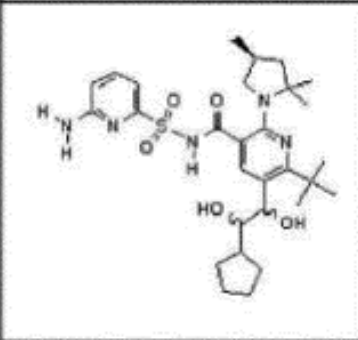
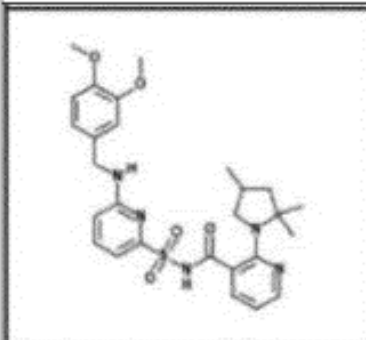
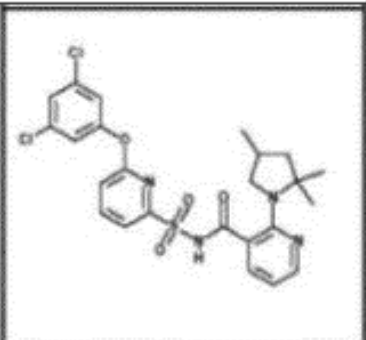
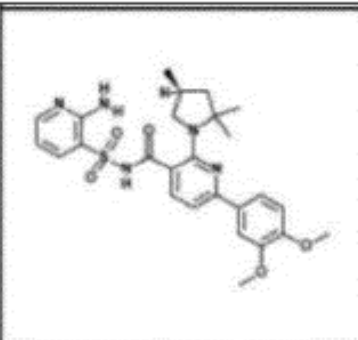
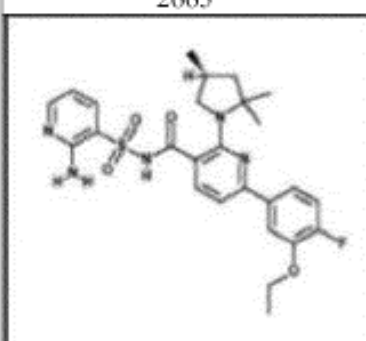
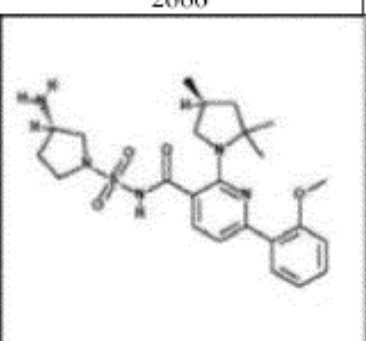
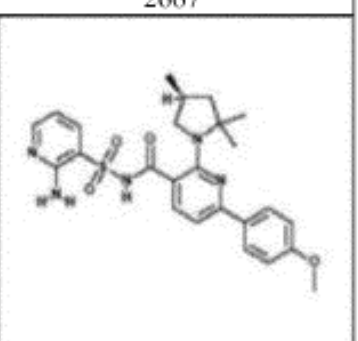
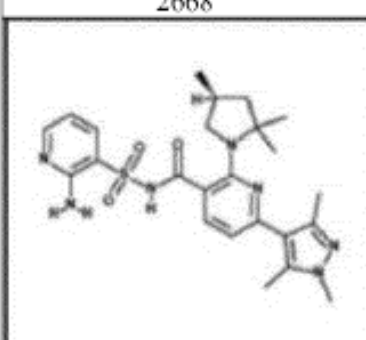
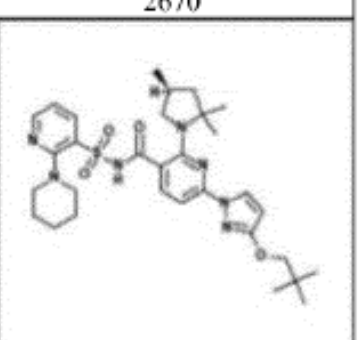
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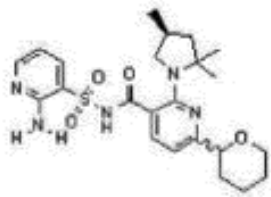
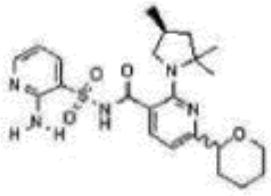
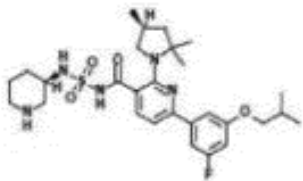
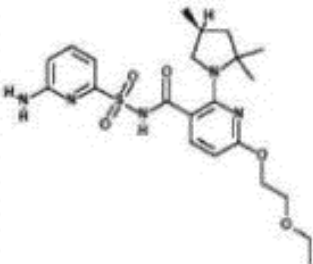
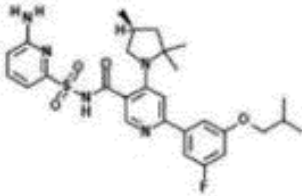
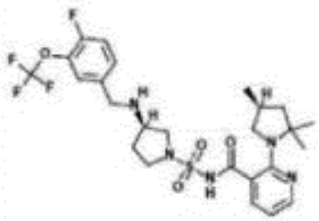
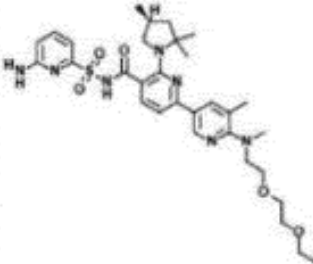
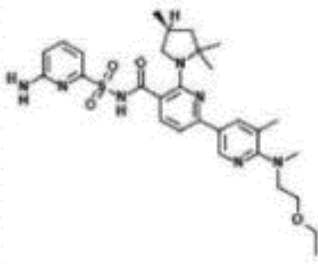
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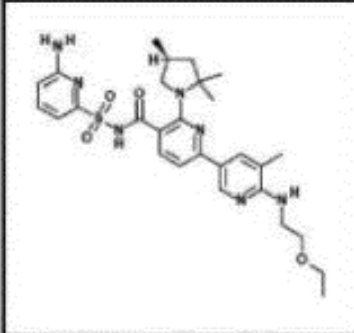
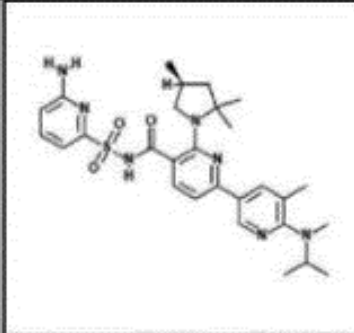
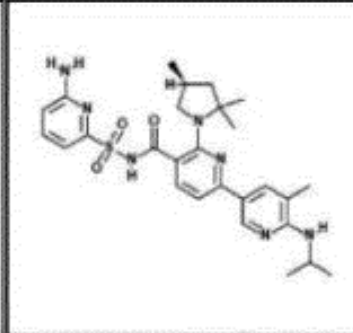
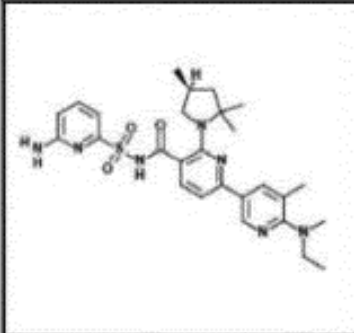
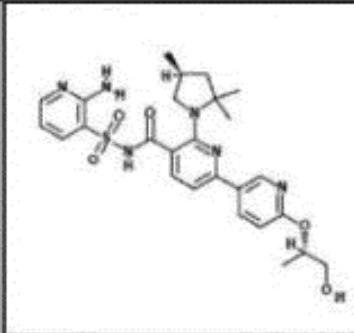
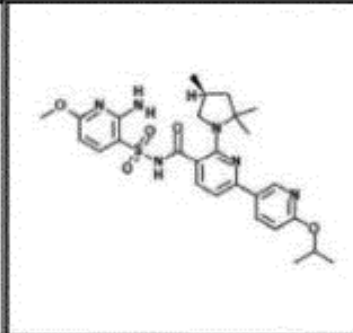
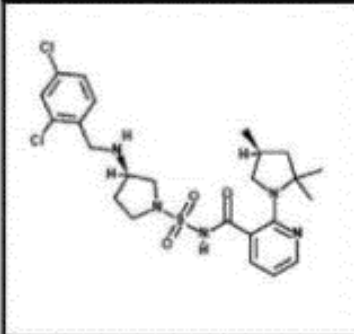
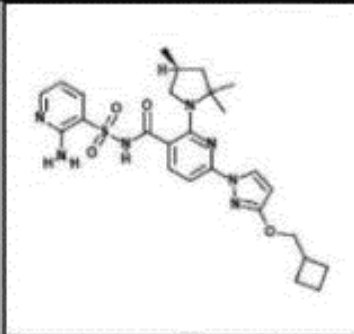
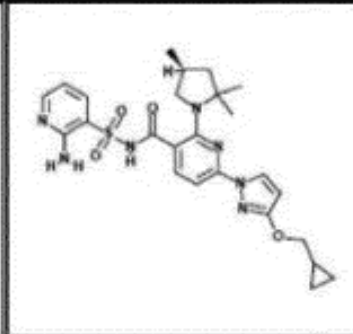
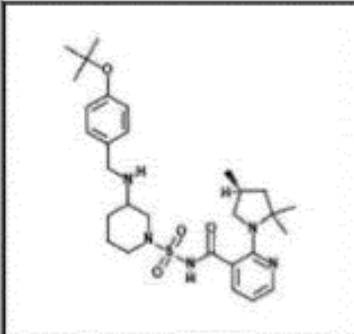
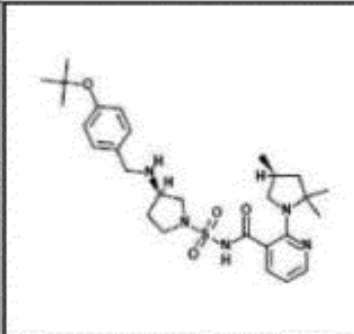
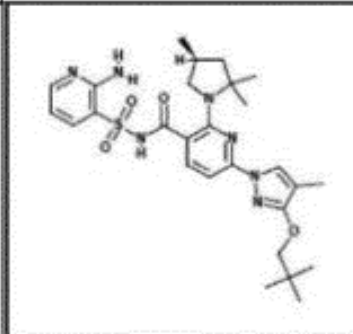
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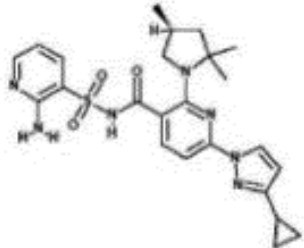
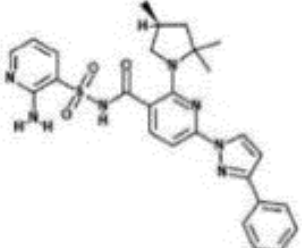
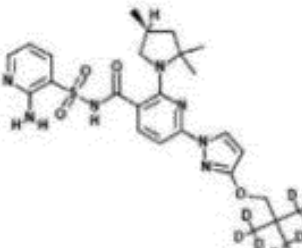
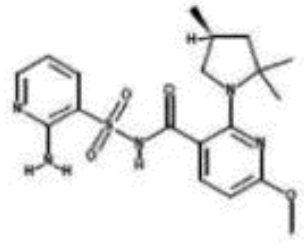
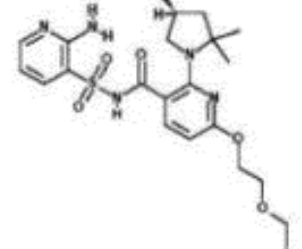
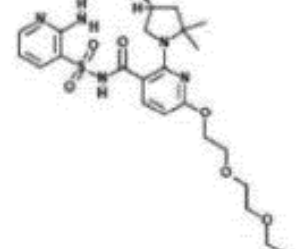
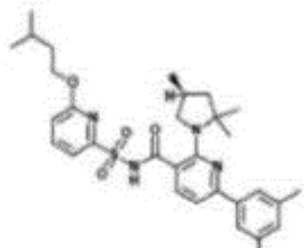
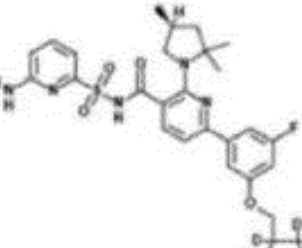
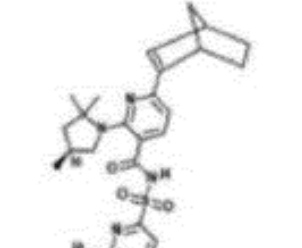
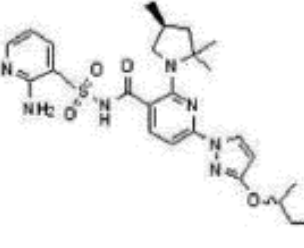
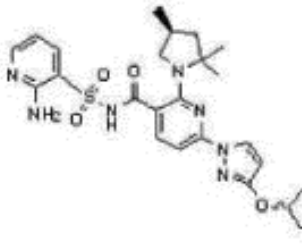
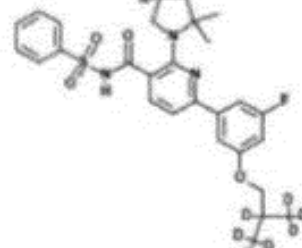
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2647	2648	2649
		

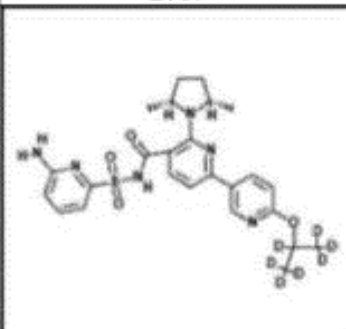
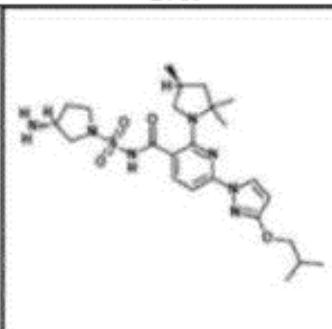
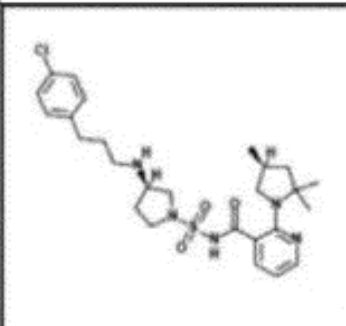
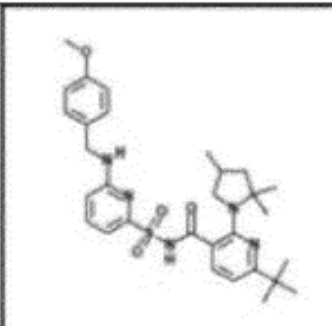
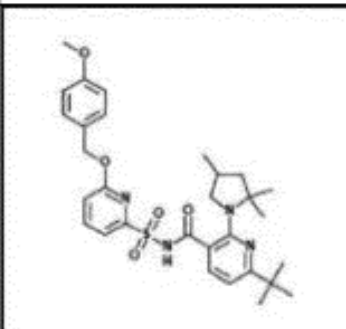
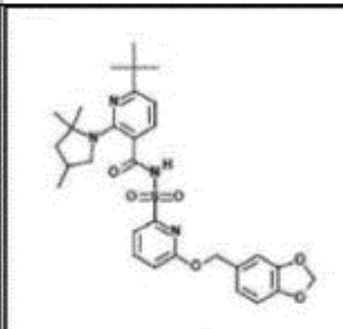
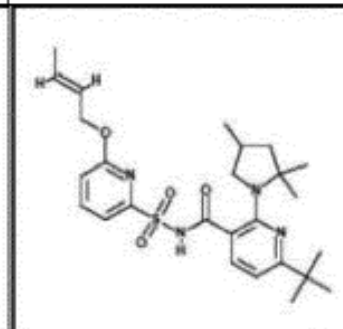
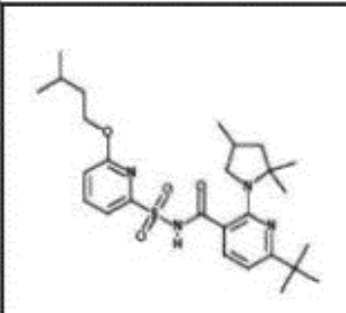
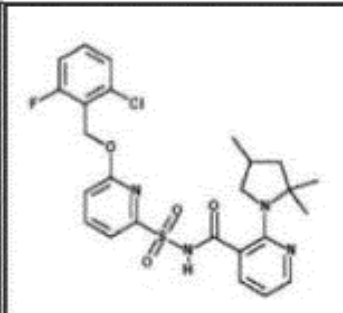
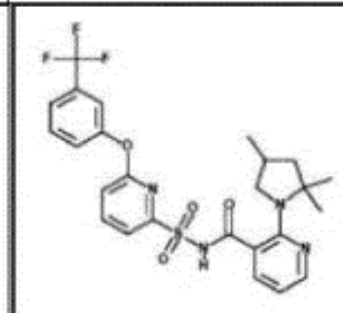
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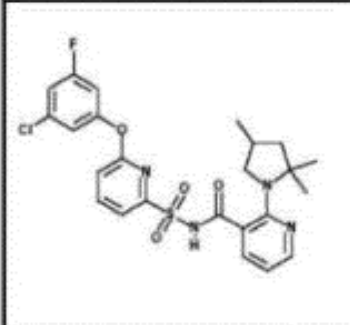
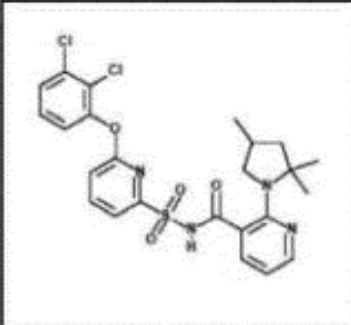
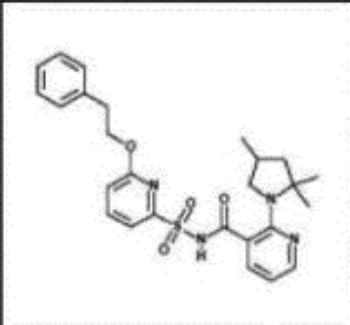
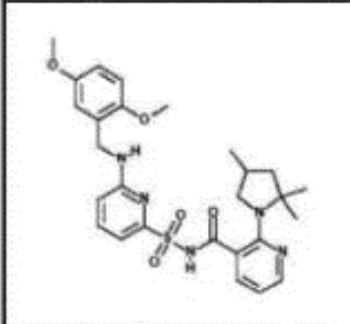
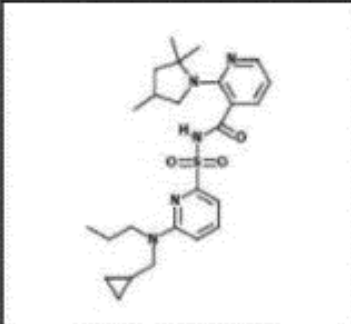
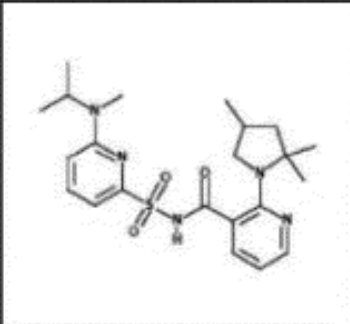
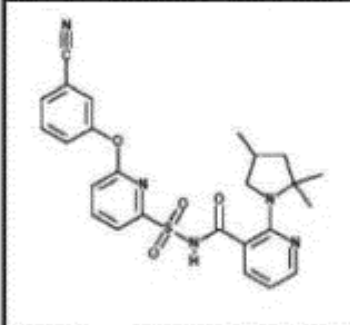
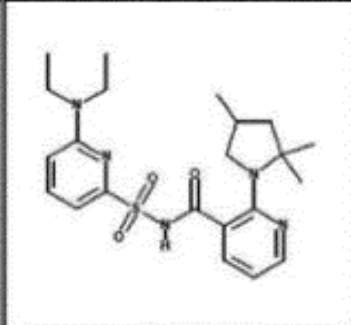
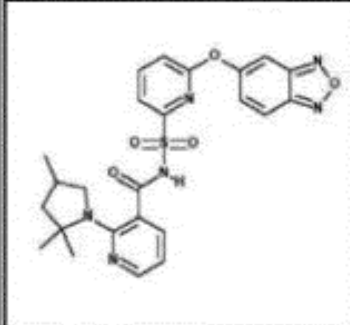
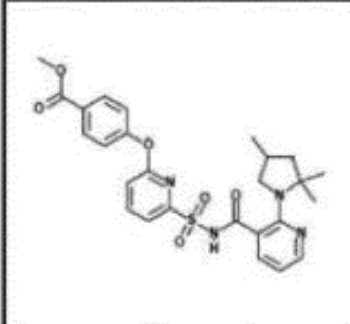
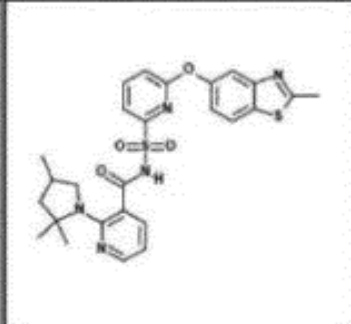
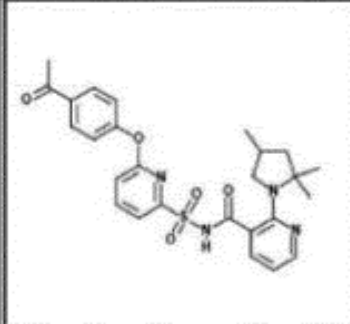
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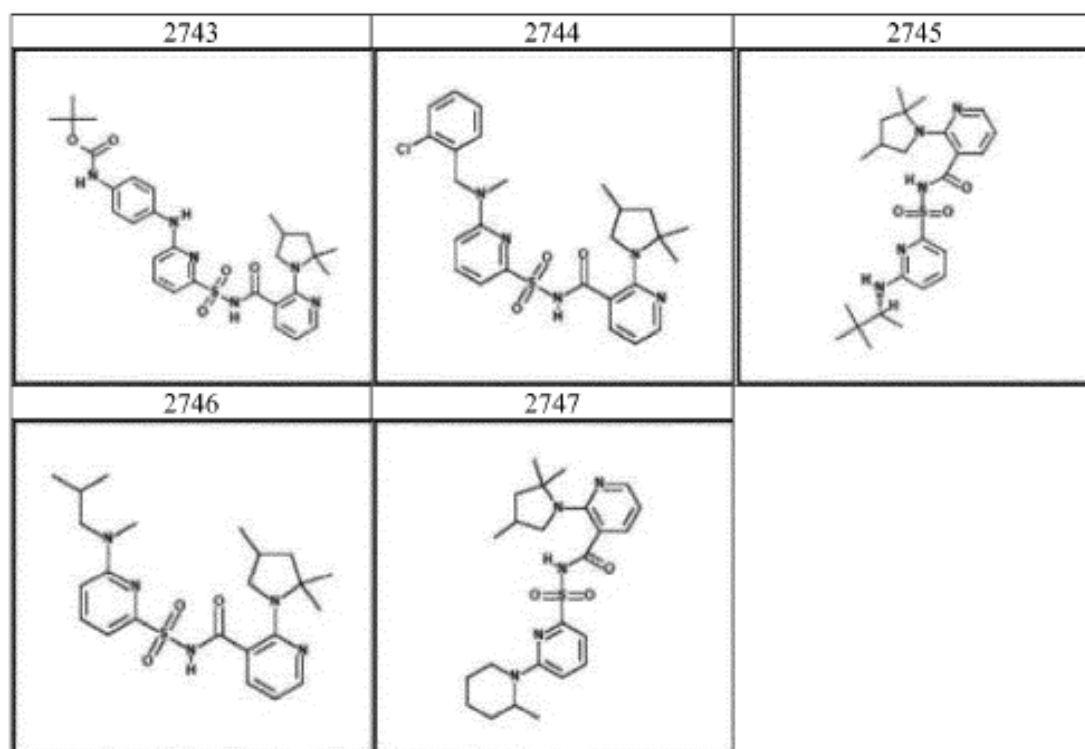
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2704	2705	2706
		

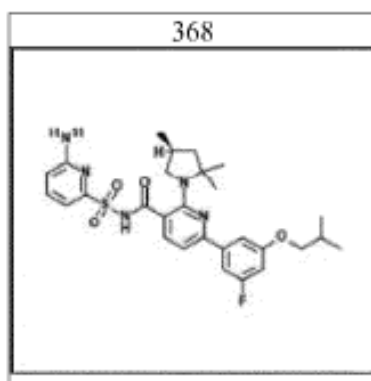
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2716	2717	2718
		

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2722	2723	2724
		
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2740	2741	2742

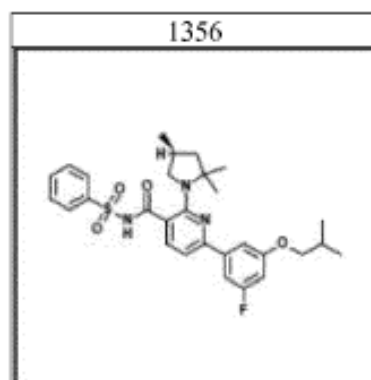


17. Forbindelse ifølge krav 16, eller et farmasøytisk akseptabelt salt derav, hvor forbindelsen er:



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18. Forbindelse ifølge krav 16, eller et farmasøytisk akseptabelt salt derav, hvor forbindelsen er:

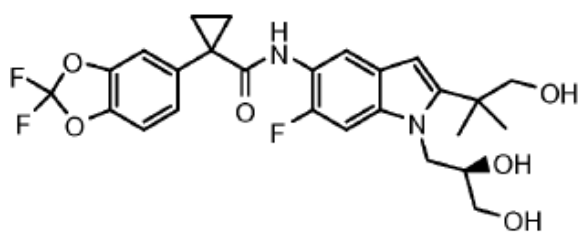


19. Farmasøytisk sammensetning omfattende forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 18 og en farmasøytisk akseptabel bærer.

20. Farmasøytisk sammensetning ifølge krav 19, videre omfattende et eller flere ytterligere terapeutiske midler.

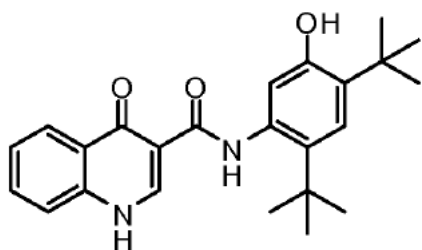
21. Farmasøytisk sammensetning ifølge krav 20, hvor det eller de ytterligere terapeutiske midlene omfatter en CFTR-modulator.

22. Farmasøytisk sammensetning ifølge et hvilket som helst av kravene 20 eller 21, hvor minst et ytterligere terapeutisk middel er



eller farmasøytisk akseptabelt salt derav.

23. Farmasøytisk sammensetning ifølge et hvilket som helst av kravene 20 til 22, hvor minst et ytterligere terapeutisk middel er



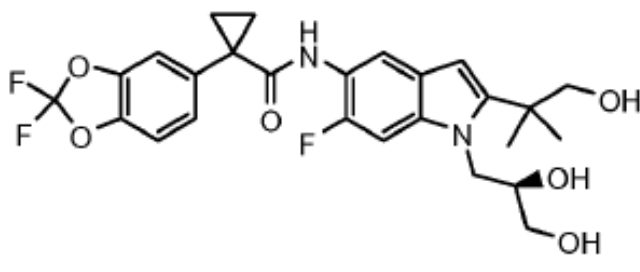
eller farmasøytisk akseptabelt salt derav.

24. Forbindelse eller salt ifølge et hvilket som helst av kravene 1 til 18, eller den farmasøytiske sammensetningen ifølge et hvilket som helst av kravene 19 til 23, for anvendelse i en fremgangsmåte for å behandle cystisk fibrose hos en pasient.

25. Forbindelse, salt eller sammensetning for anvendelse ifølge krav 24, hvor fremgangsmåten videre omfatter administrasjon til pasienten av et eller flere ytterligere terapeutiske midler før, samtidig med eller etter forbindelsen ifølge et hvilket som helst av kravene 1 til 18 eller den farmasøytiske sammensetningen ifølge et hvilket som helst av kravene 19 til 23.

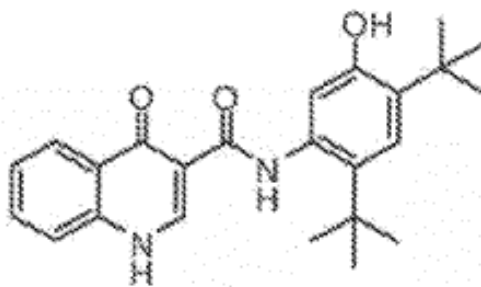
26. Forbindelse, salt eller sammensetning for anvendelse ifølge krav 25, hvor det ene eller flere ytterligere terapeutiske midler omfatter en CFTR-modulator.

27. Forbindelse, salt eller sammensetning for anvendelse ifølge et hvilket som helst av kravene 25 eller 26, hvor minst et ytterligere terapeutisk middel er



eller farmasøytisk akseptabelt salt derav.

28. Forbindelse, salt eller sammensetning for anvendelse ifølge et hvilket som helst av kravene 25 eller 26, hvor minst et ytterligere terapeutisk middel er:



29. Forbindelse, salt eller sammensetning for anvendelse ifølge et hvilket som helst av kravene 24 til 28, hvor pasienten er homozygot i F508del-mutasjonen; eller hvor pasienten er heterozygot i F508del-mutasjonen.