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NORWAY

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*C07D 487/04 (2006.01)*

*A61K 31/4355 (2006.01)*

*C07D 513/04 (2006.01)*

*A61K 31/5025 (2006.01)*

Norwegian Industrial Property Office

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| (45) | Translation Published                                                      | 2023.02.27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| (80) | Date of The European<br>Patent Office Publication of<br>the Granted Patent | 2022.10.26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| (86) | European Application Nr.                                                   | 19192142.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| (87) | The European Application's<br>Publication Date                             | 2020.04.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| (30) | Priority                                                                   | 2012.04.26, US, 201261638577 P<br>2013.03.15, US, 201361787680 P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| (84) | Designated Contracting<br>States:                                          | AL ; AT ; BE ; BG ; CH ; CY ; CZ ; DE ; DK ; EE ; ES ; FI ; FR ; GB ; GR ; HR ; HU ;<br>IE ; IS ; IT ; LI ; LT ; LU ; LV ; MC ; MK ; MT ; NL ; NO ; PL ; PT ; RO ; RS ; SE ; SI ;<br>SK ; SM ; TR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| (62) | Divided application                                                        | EP3243826, 2013.04.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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(54) Title **PHARMACEUTICAL COMPOSITIONS COMPRISING IMIDAZOTHIADIAZOLE AND IMIDAZOPYRIDAZINE DERIVATIVES AS PROTEASE ACTIVATED RECEPTOR 4 (PAR4) INHIBITORS FOR TREATING PLATELET AGGREGATION**

(56) References  
Cited: EP-A1- 0 185 345  
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EP-A1- 0 005 783

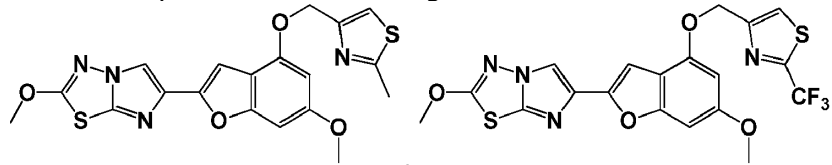
Enclosed is a translation of the patent claims in Norwegian. Please note that as per the Norwegian Patents Acts, section 66i the patent will receive protection in Norway only as far as there is agreement between the translation and the language of the application/patent granted at the EPO. In matters 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/>

EP3632919

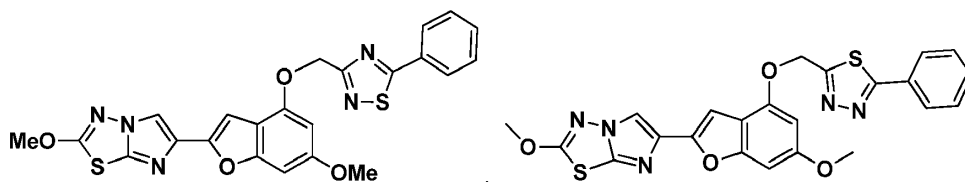
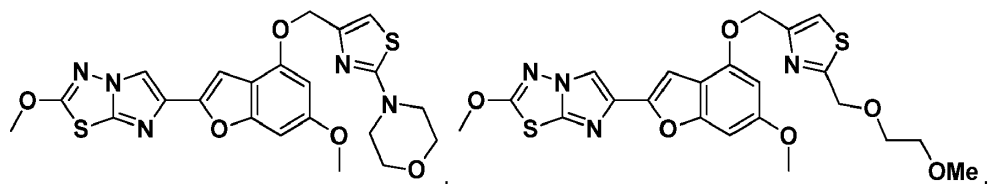
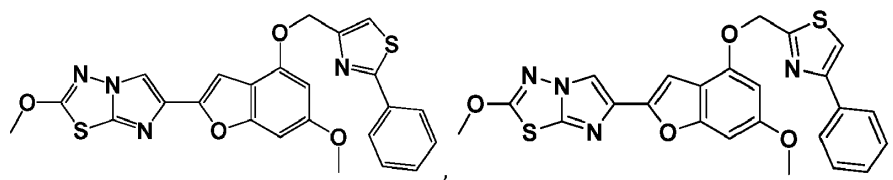
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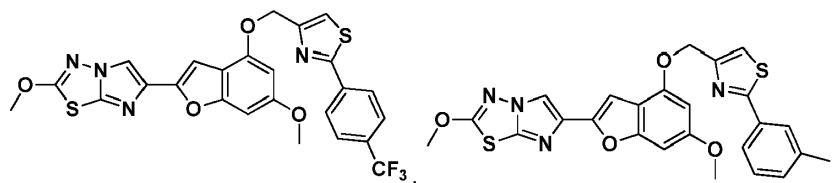
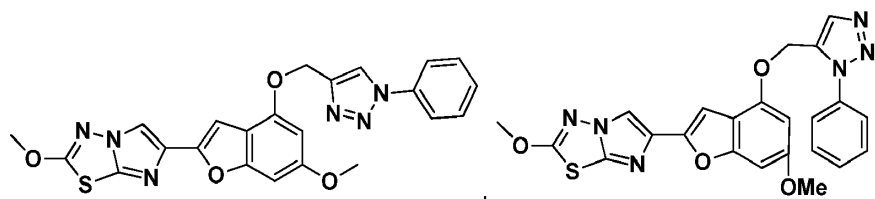
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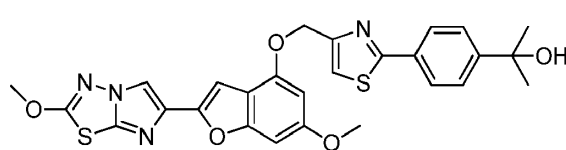
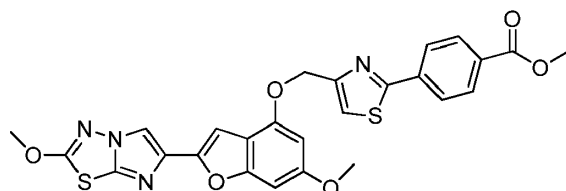
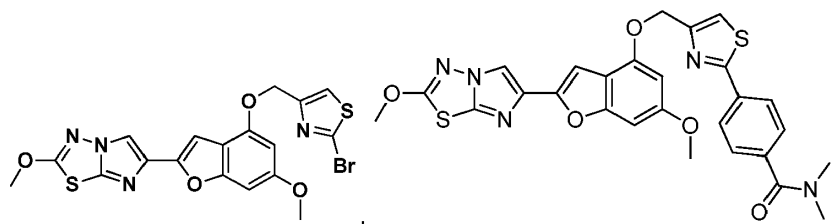
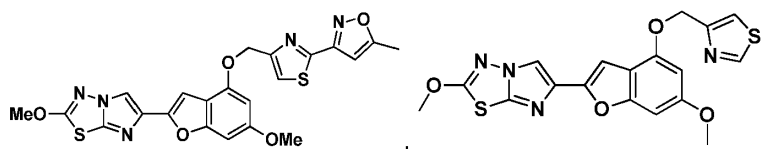
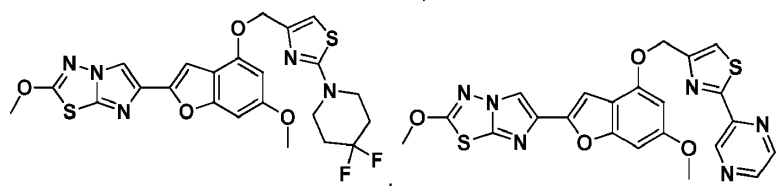
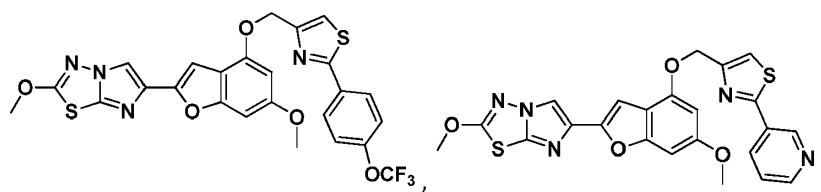
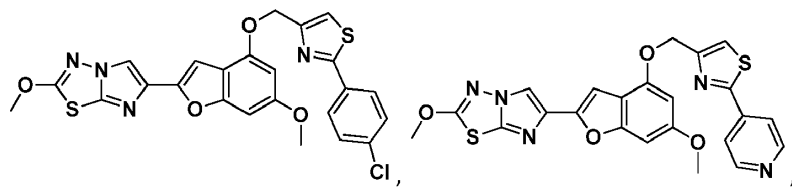


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EP3632919

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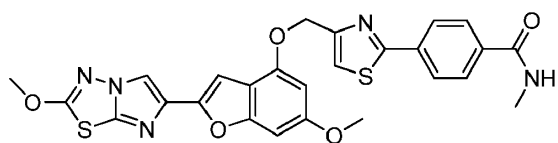
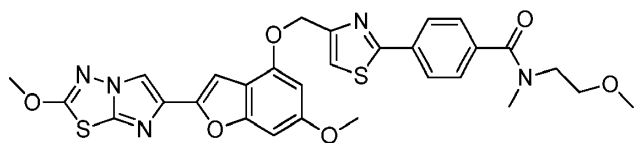


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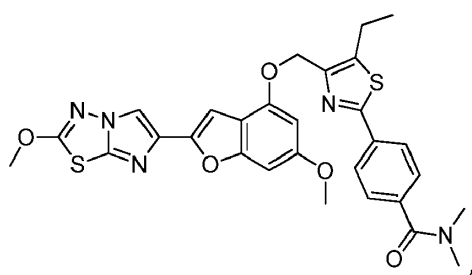
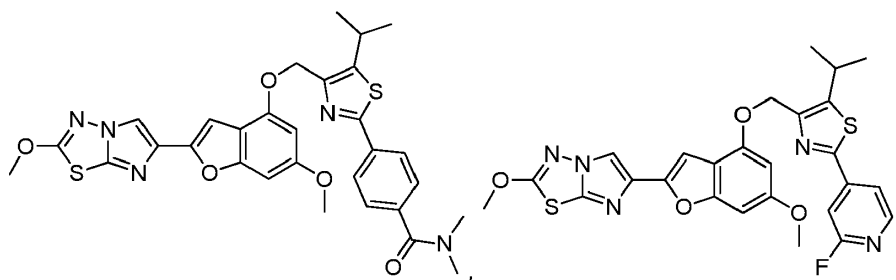
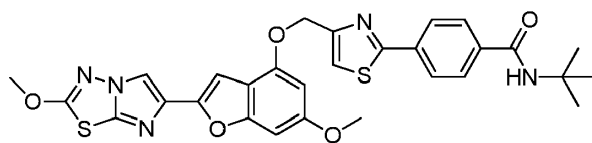
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EP3632919

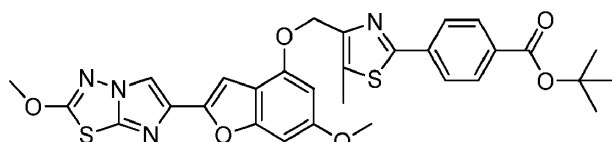
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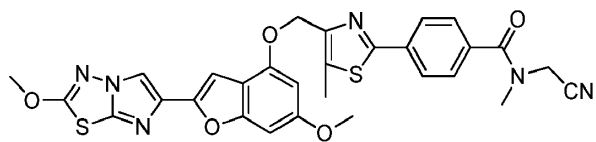
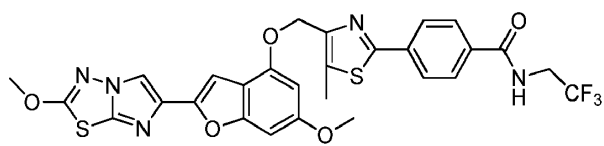
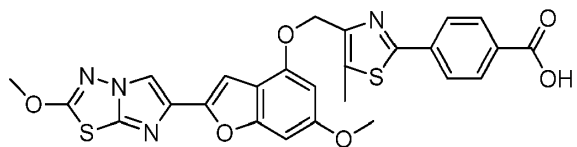


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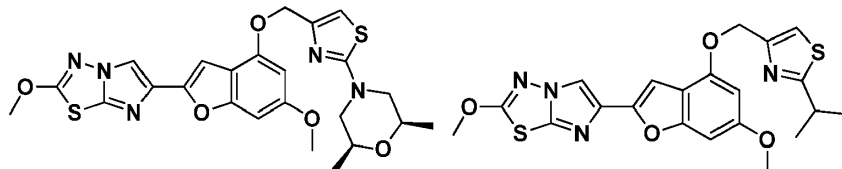
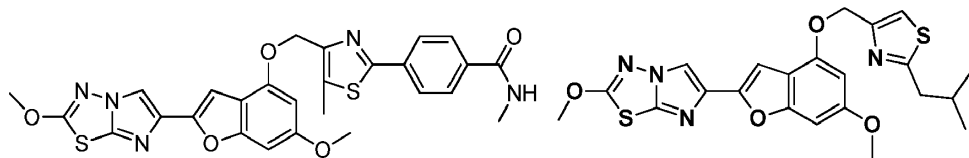


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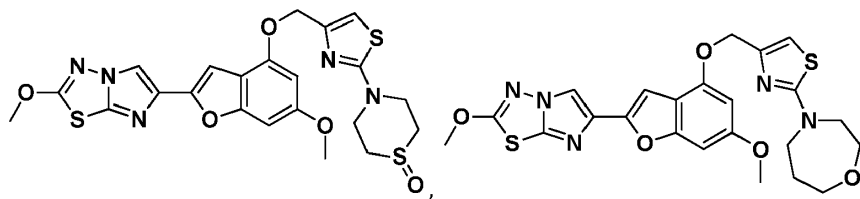
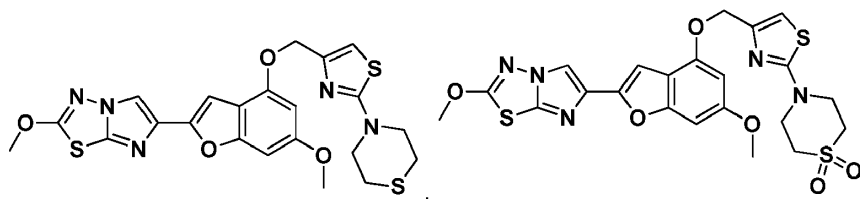
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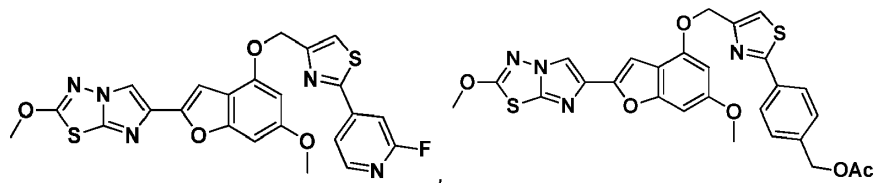
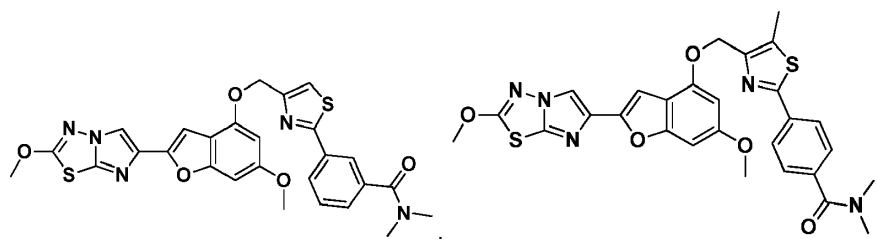
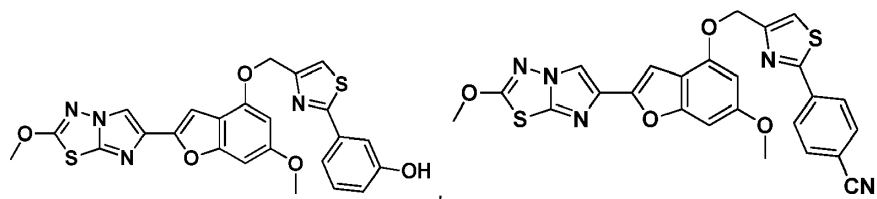
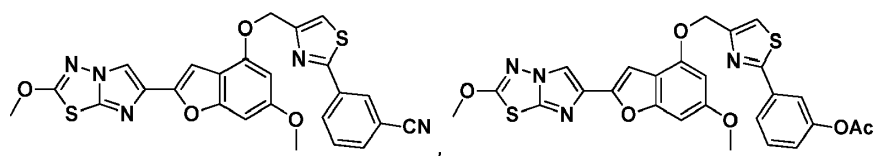
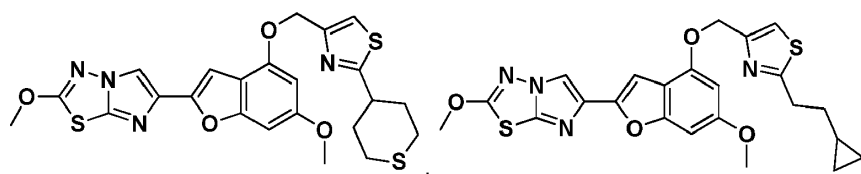
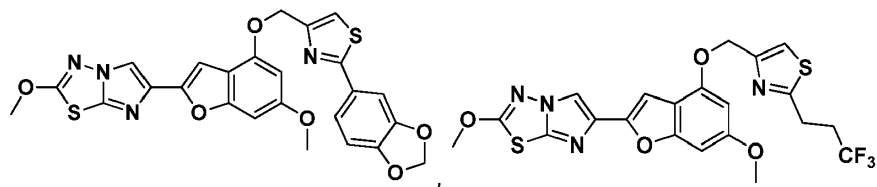


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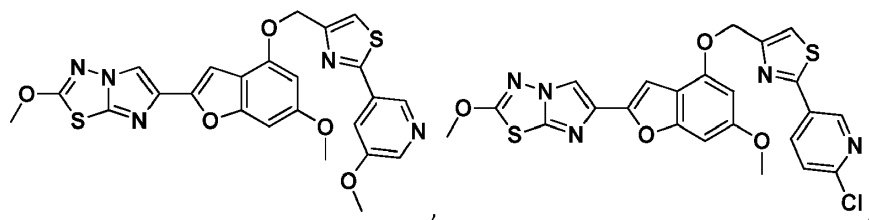
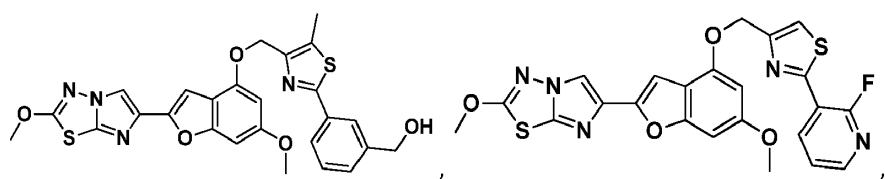
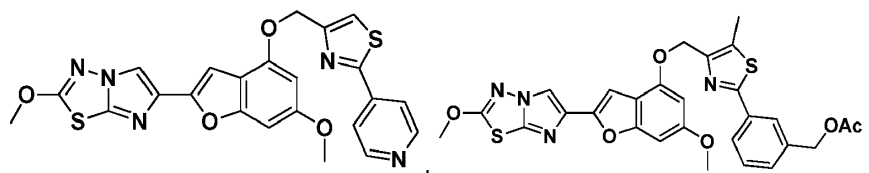
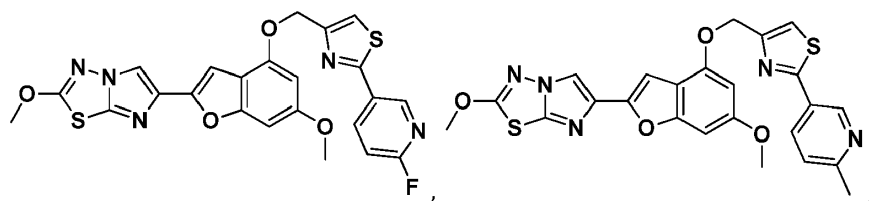
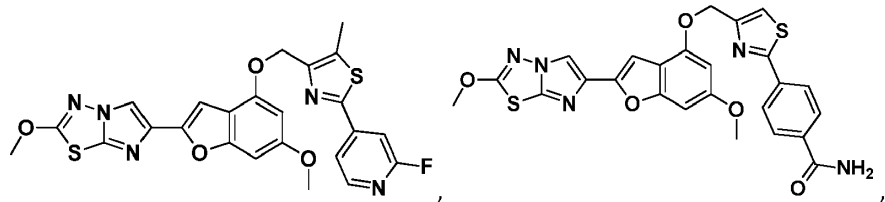
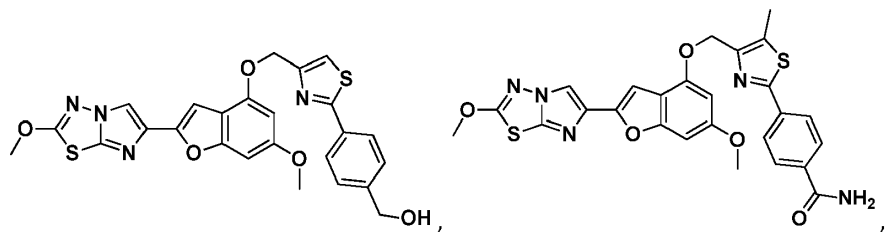


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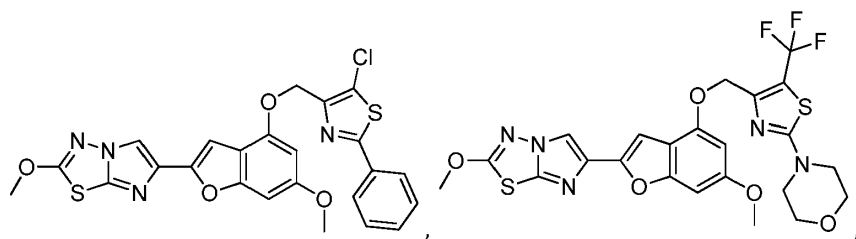
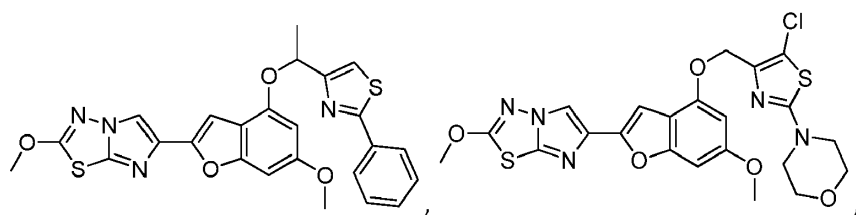
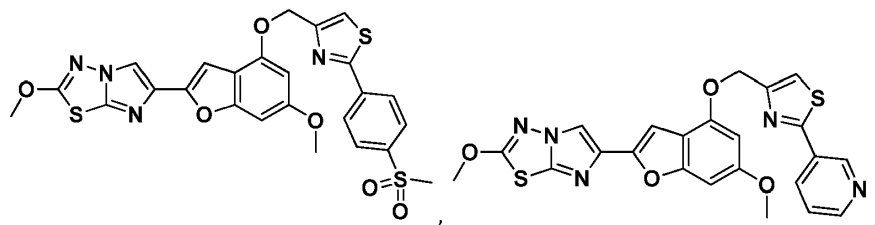


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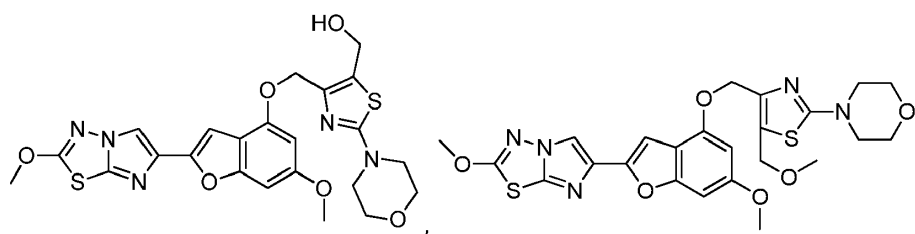
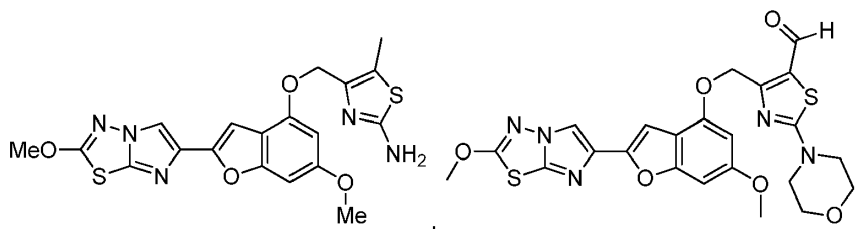
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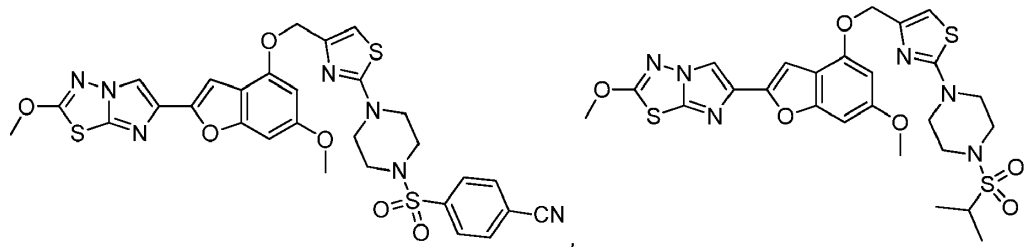
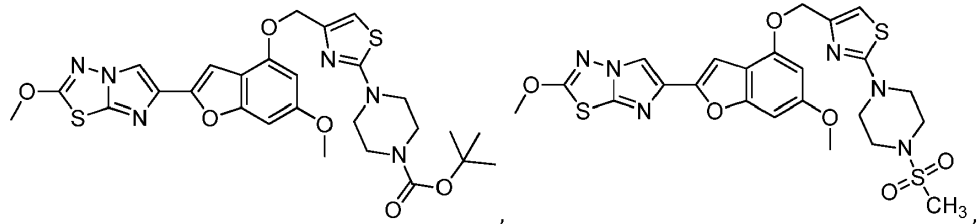
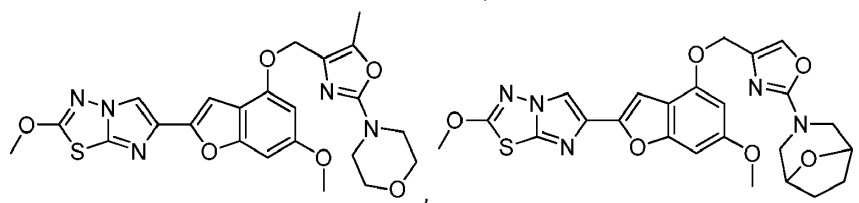
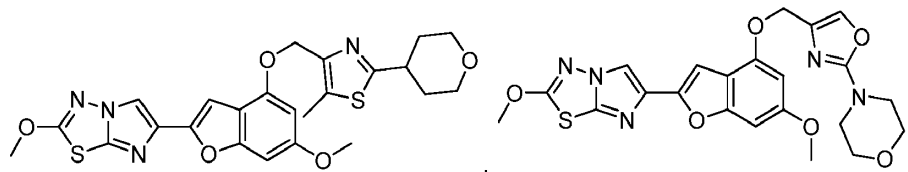
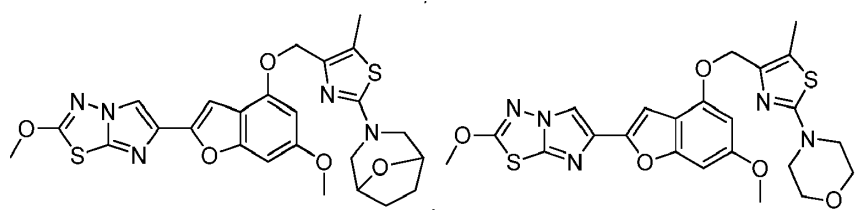
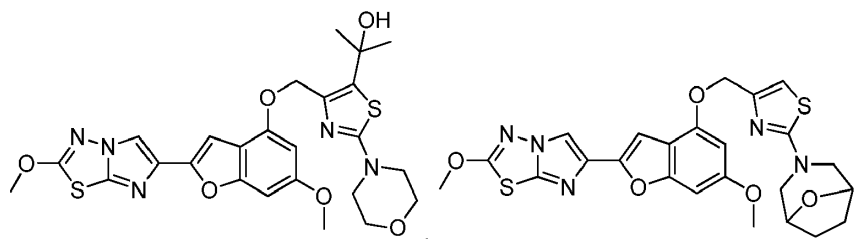
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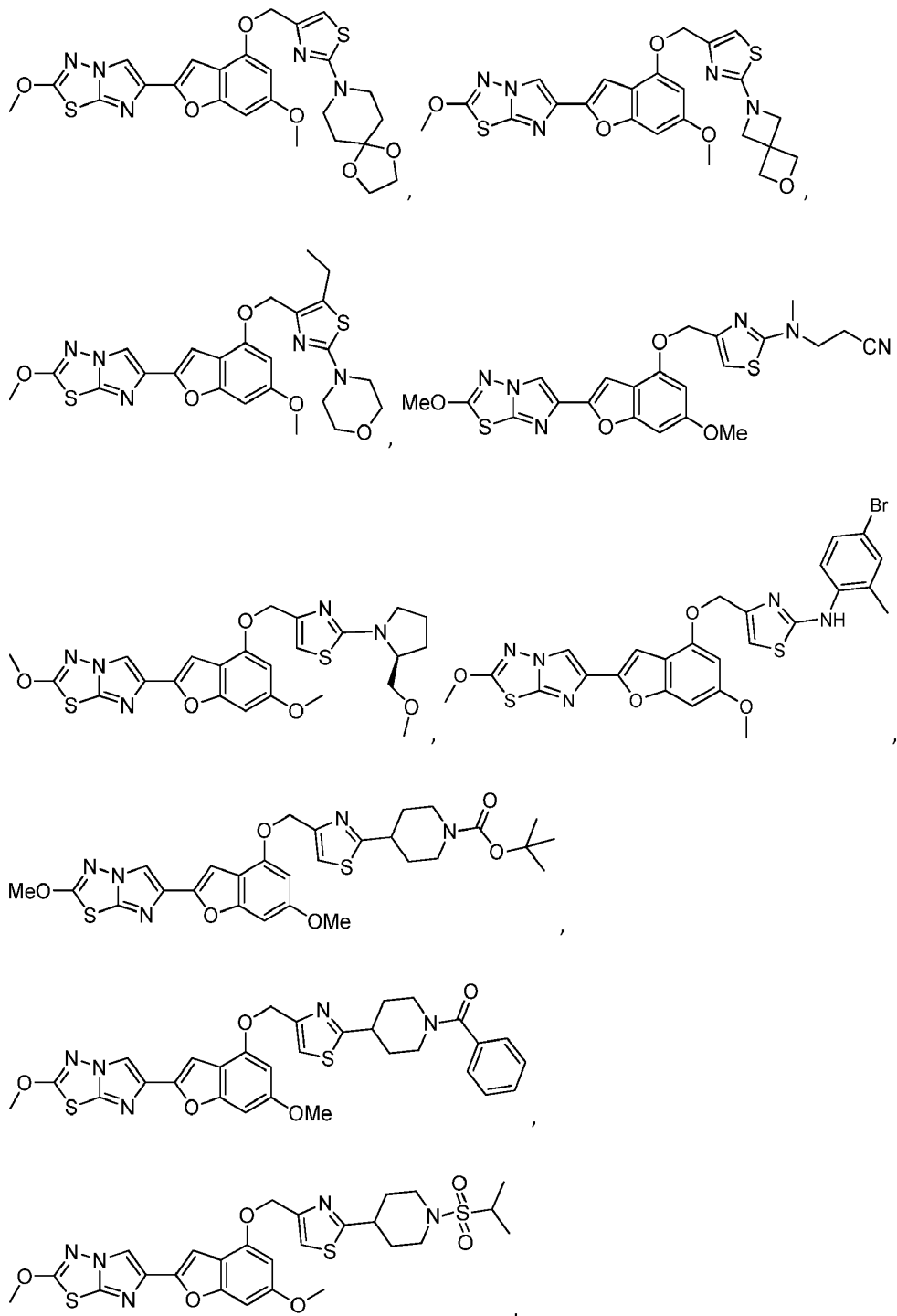


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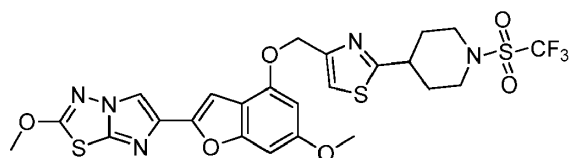
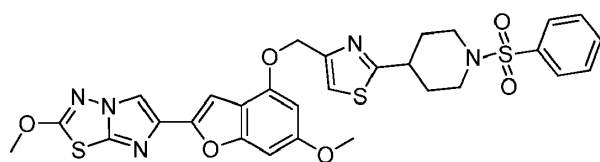
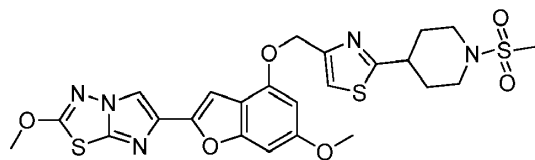
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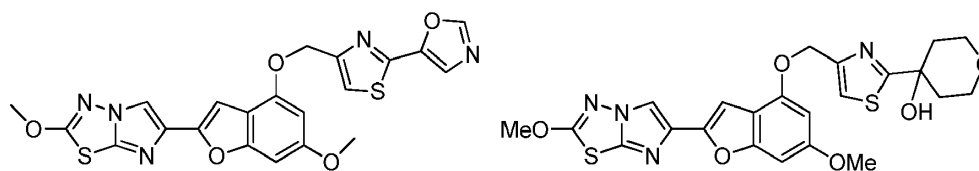
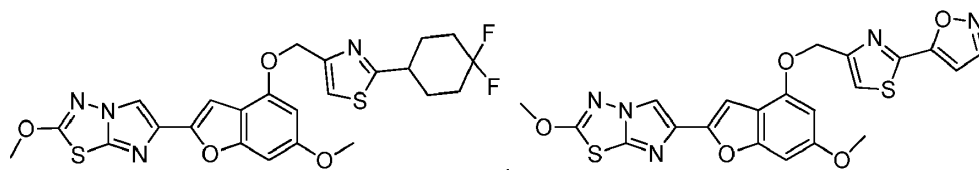


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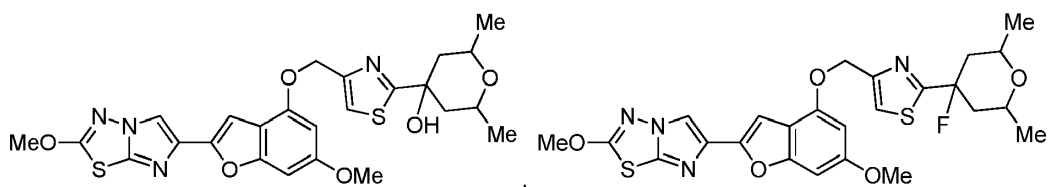
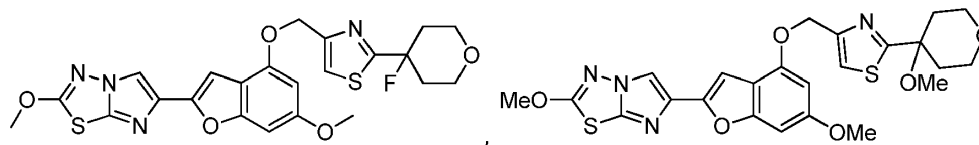
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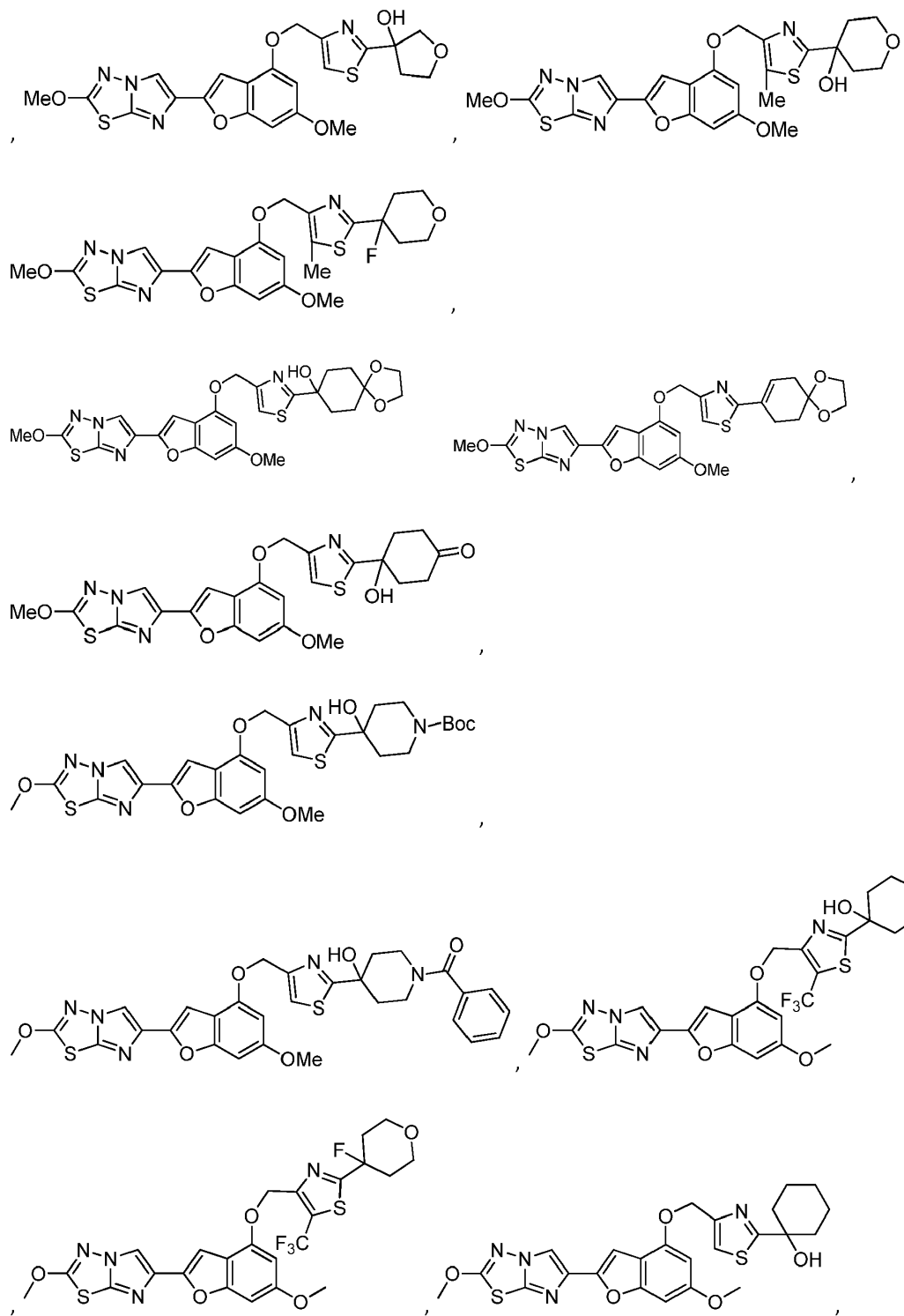


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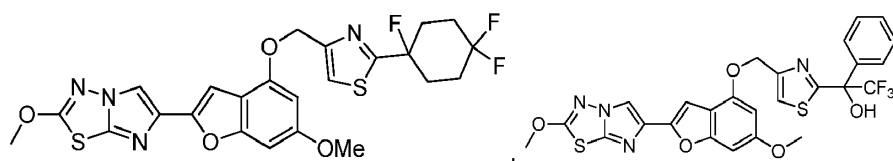
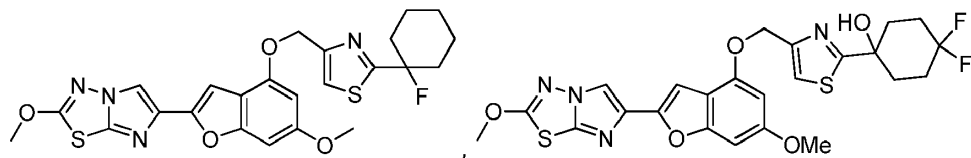
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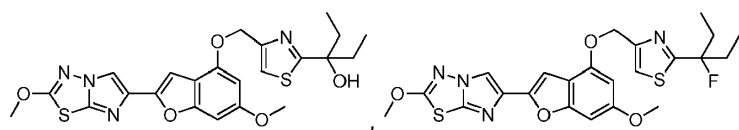
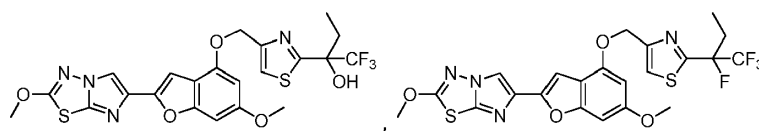


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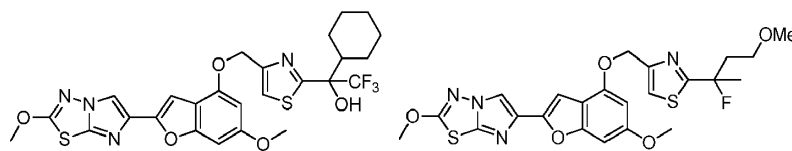
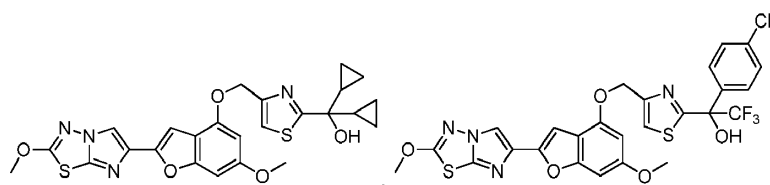
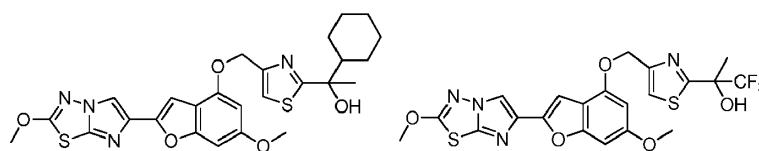
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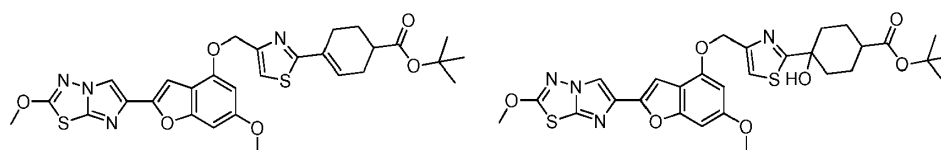
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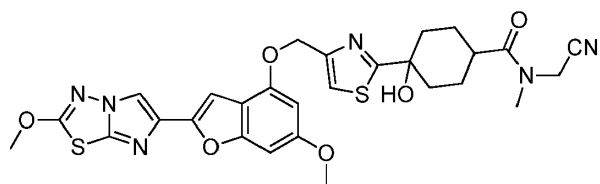
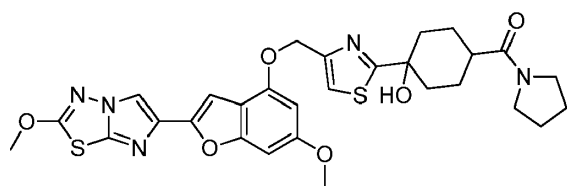
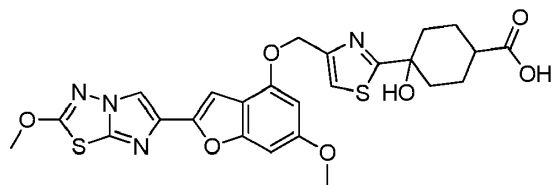


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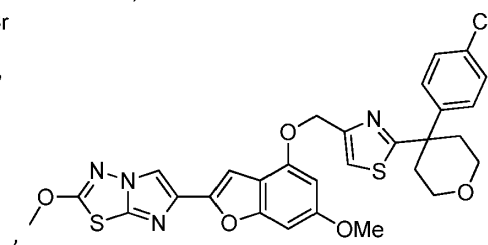
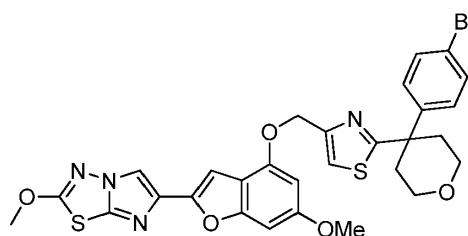


EP3632919

14

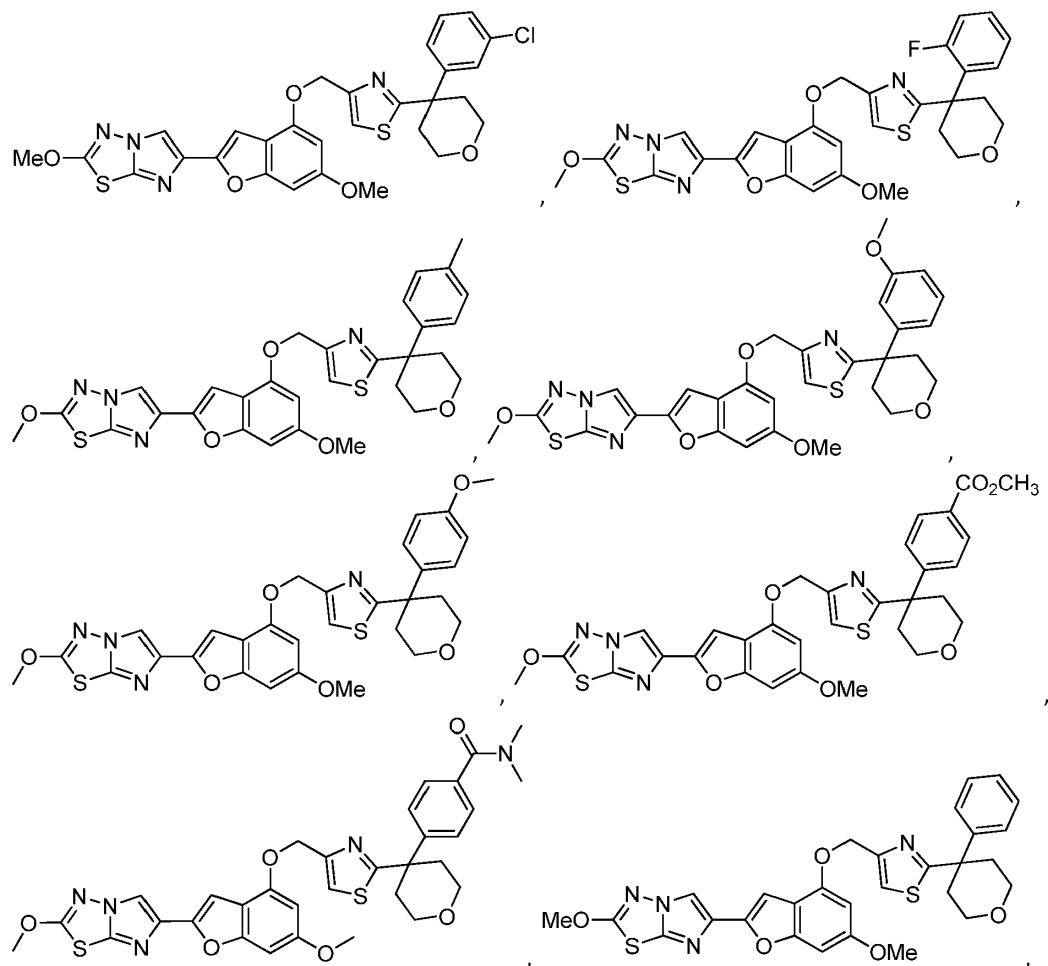


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EP3632919

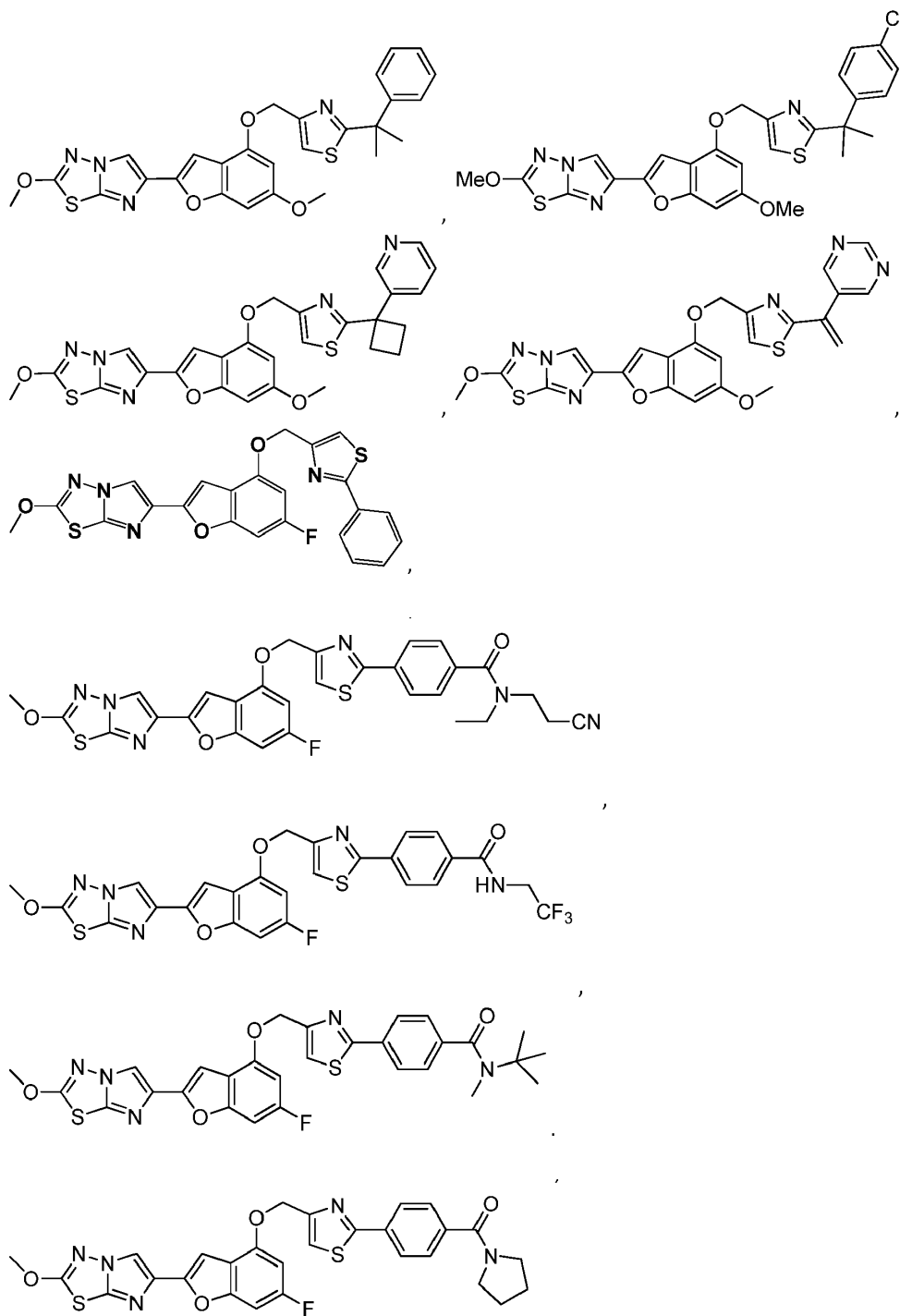
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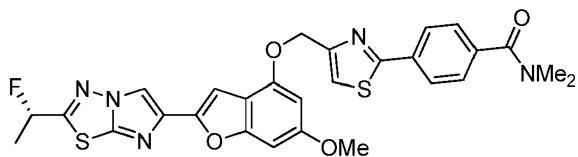
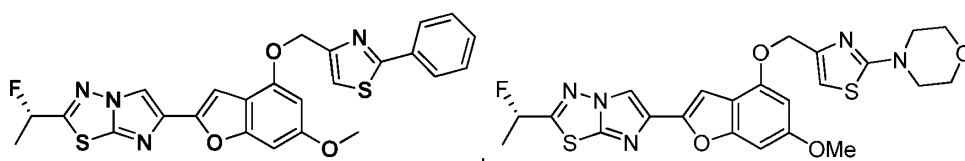
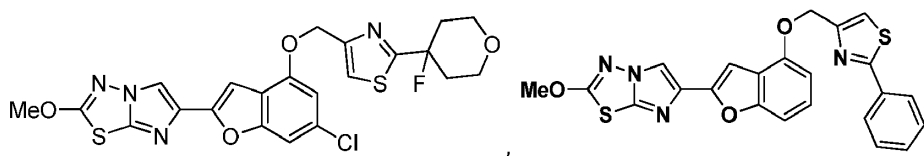
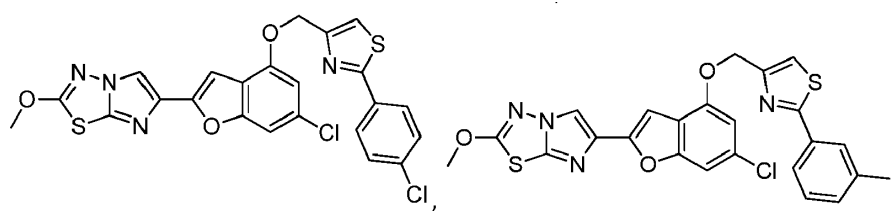
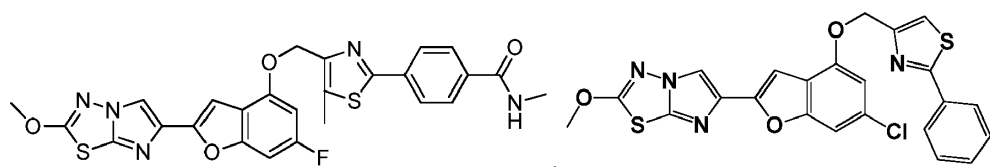
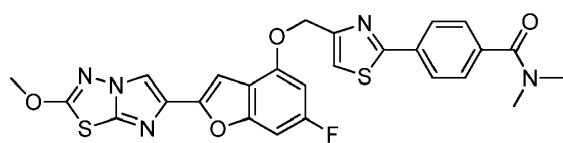
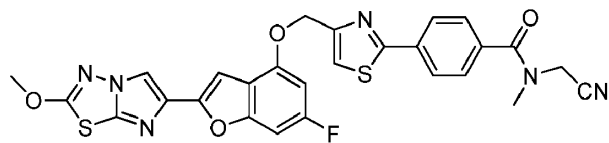
EP3632919

17



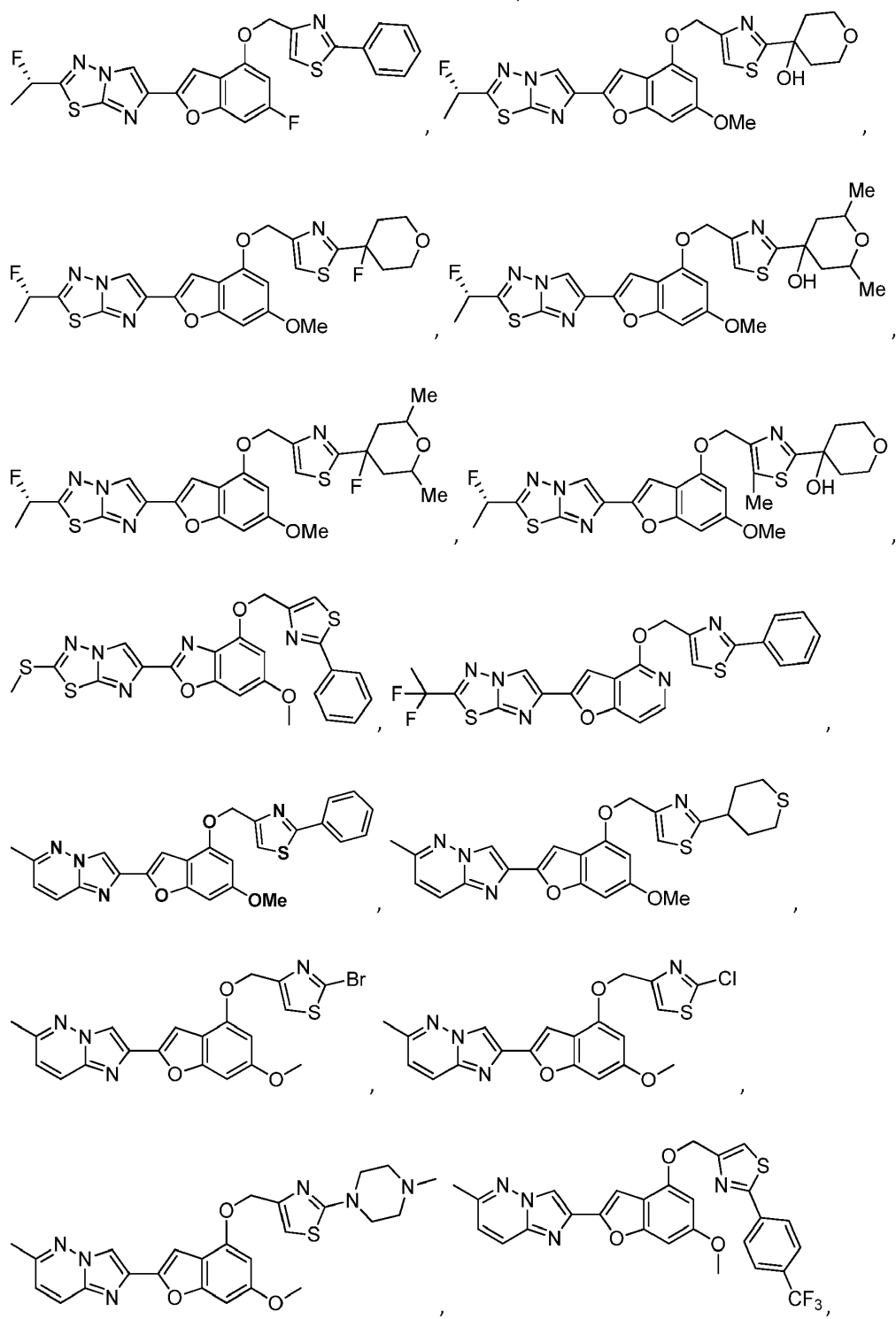
EP3632919

18



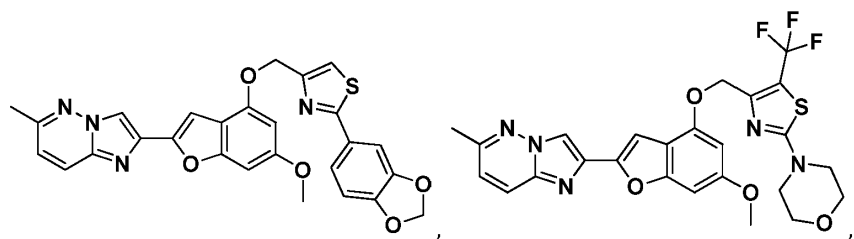
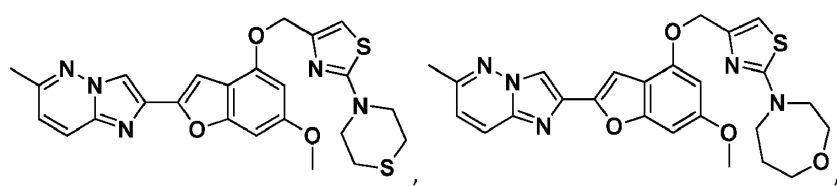
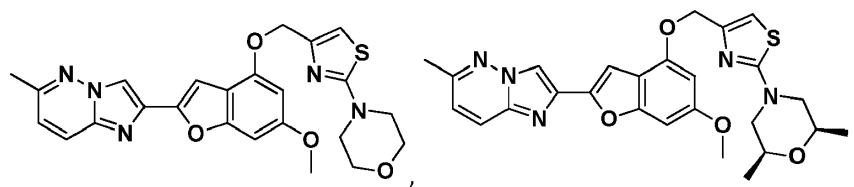
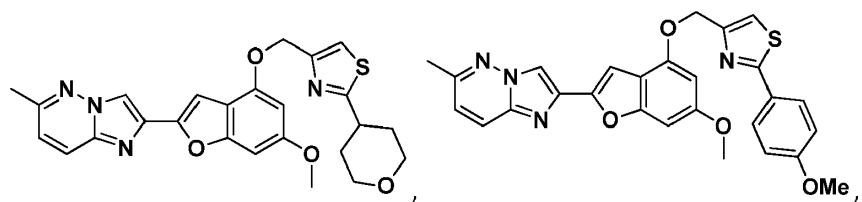
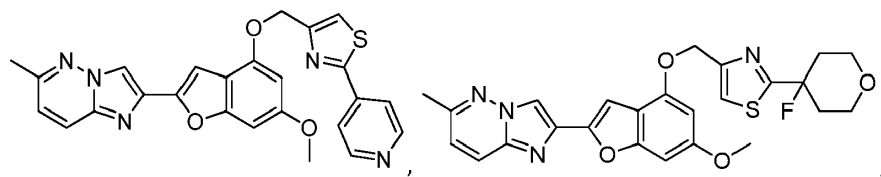
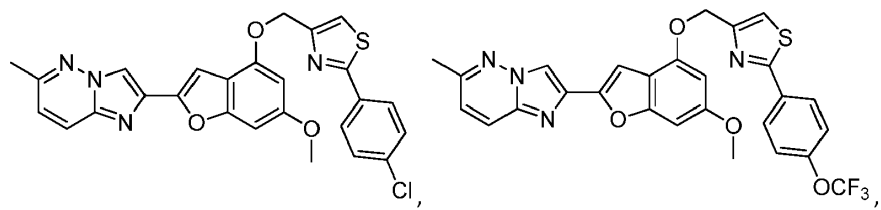
EP3632919

19



EP3632919

20

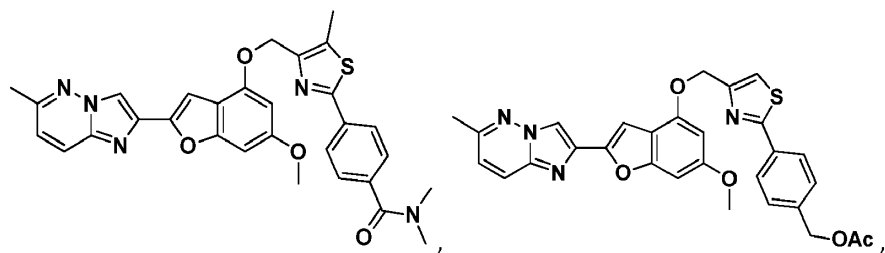
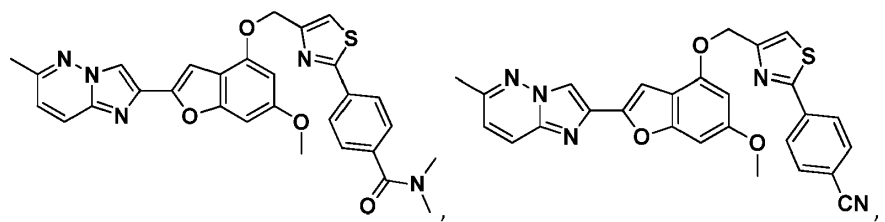
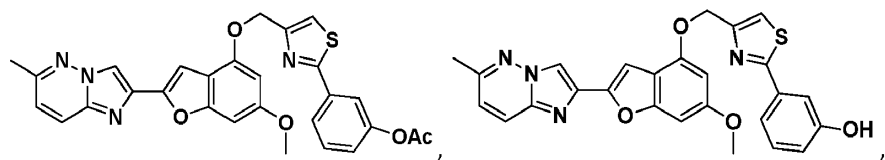


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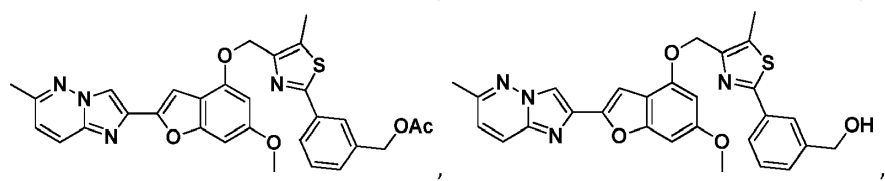
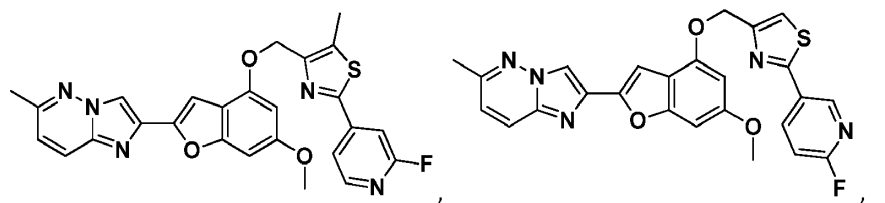
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EP3632919

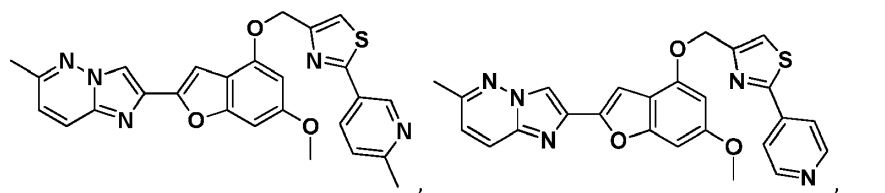
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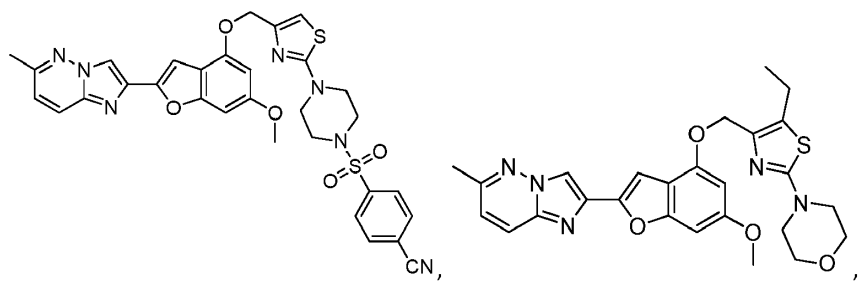
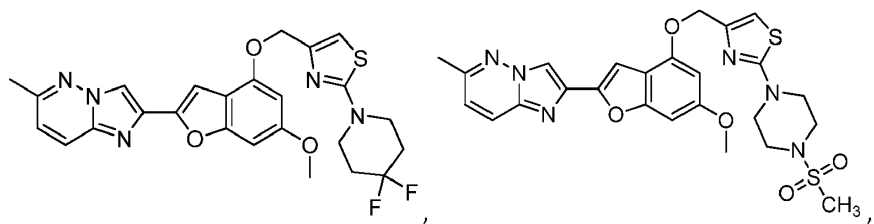
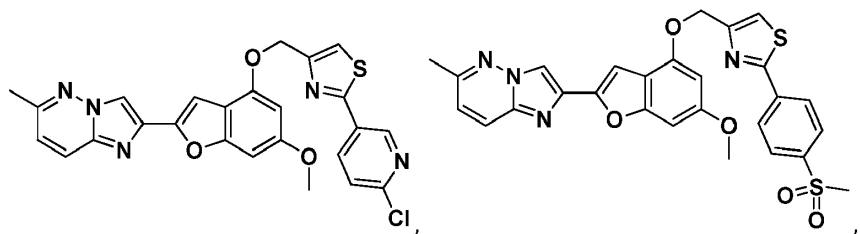


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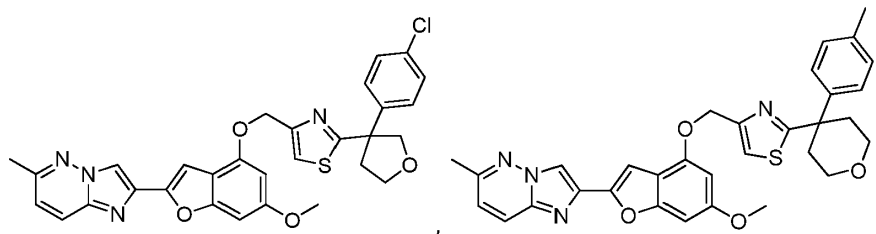
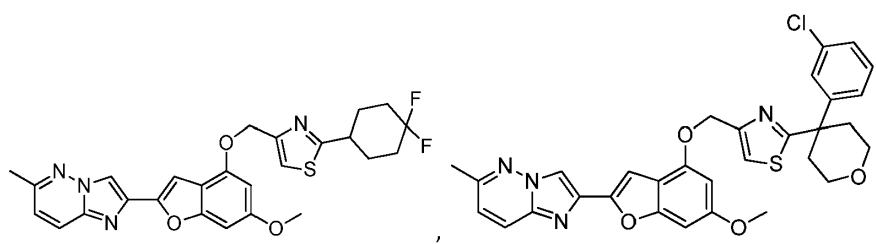


EP3632919

22



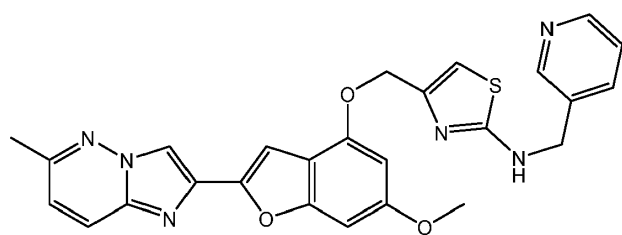
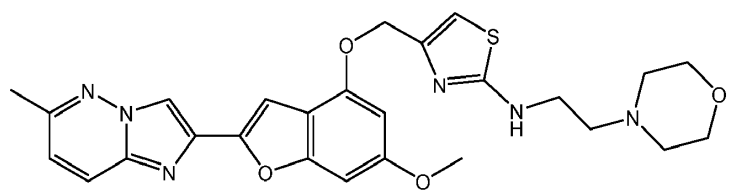
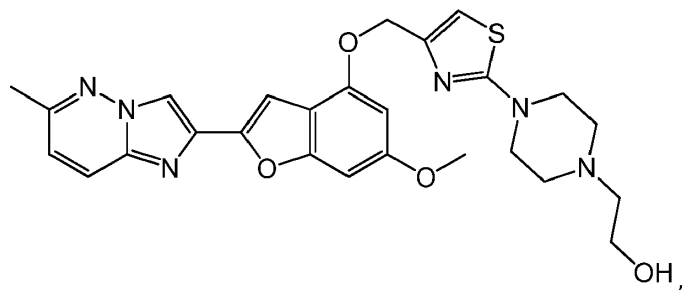
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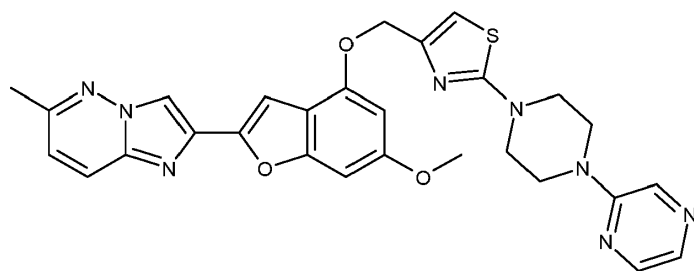
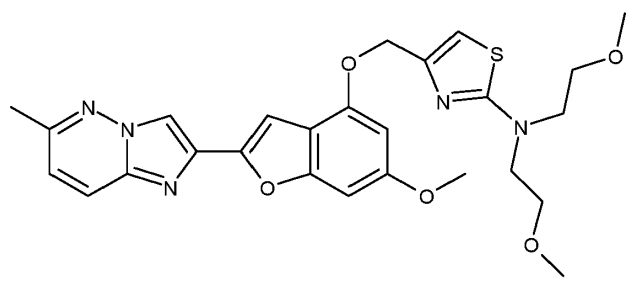
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EP3632919

23



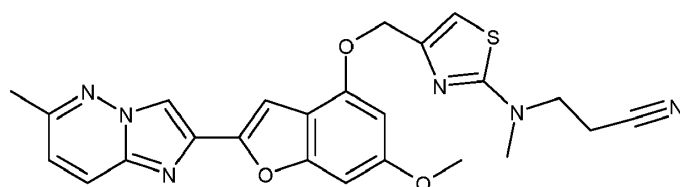
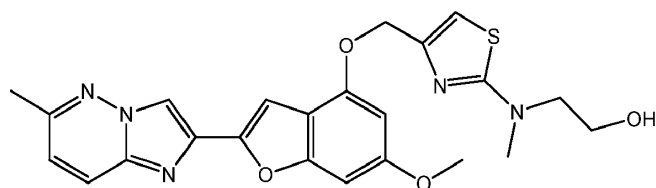
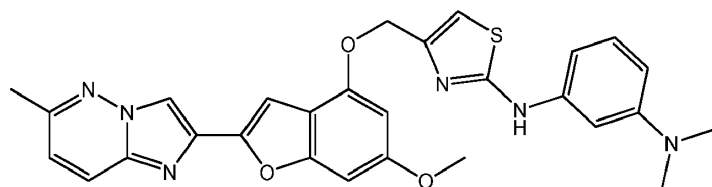
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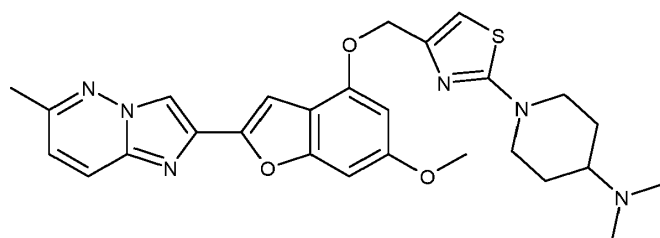
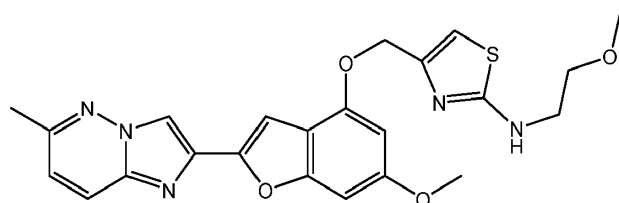
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EP3632919

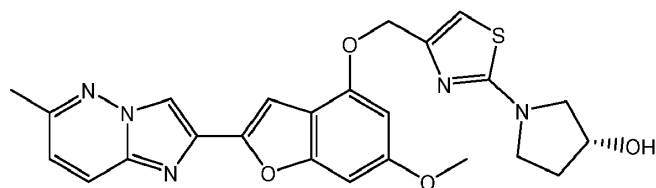
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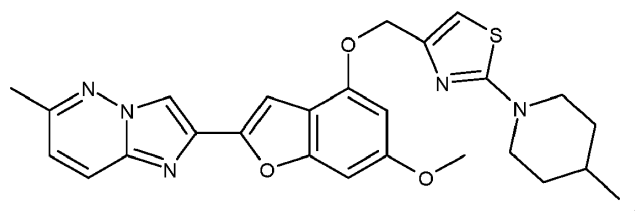
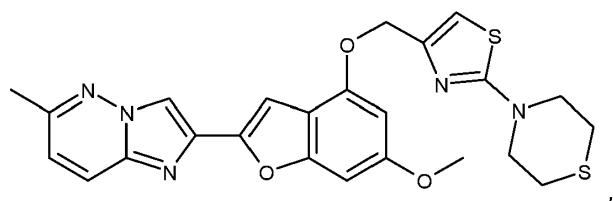
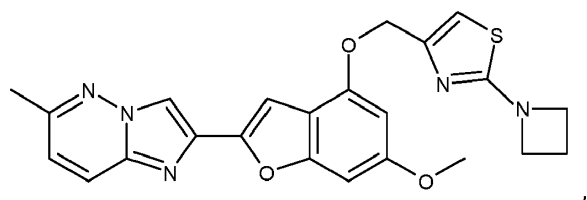
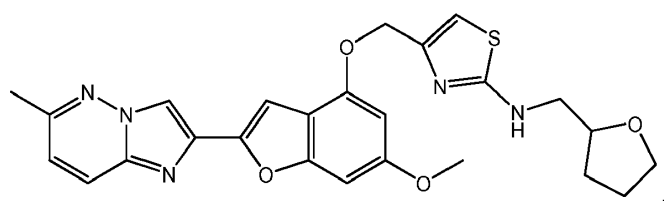
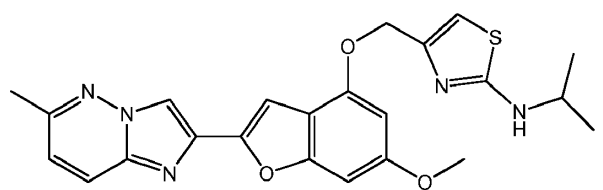
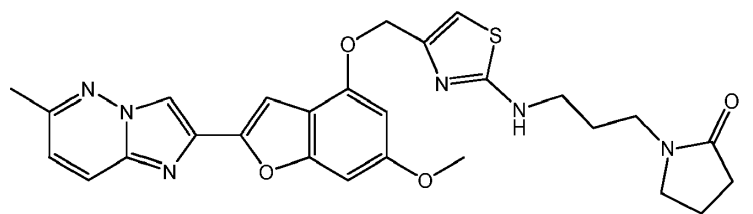


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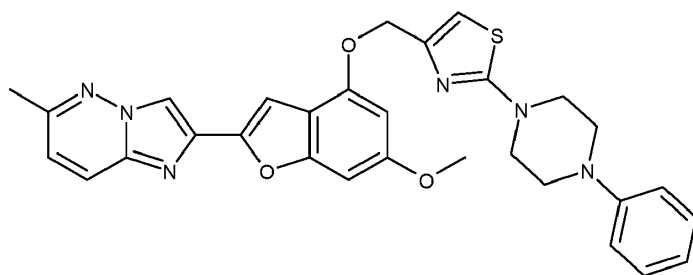
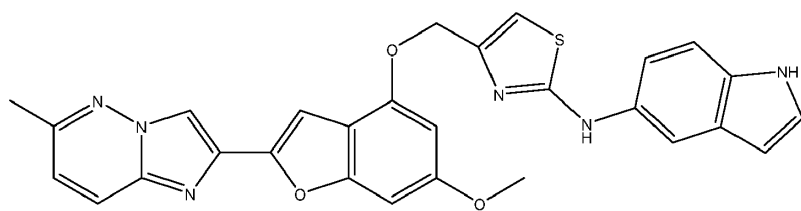
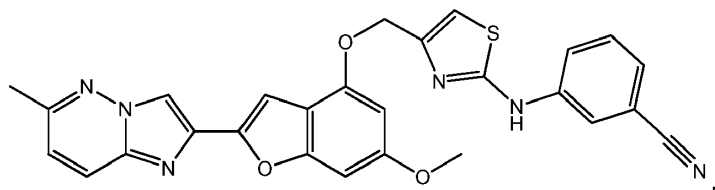
EP3632919

25

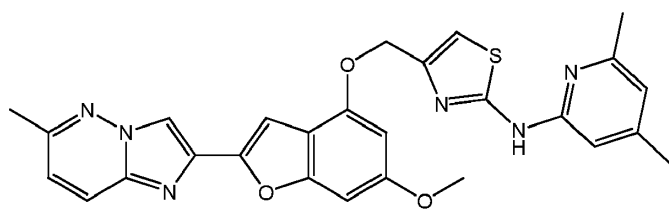
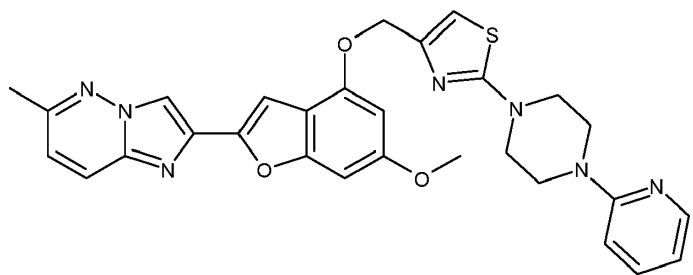


EP3632919

26



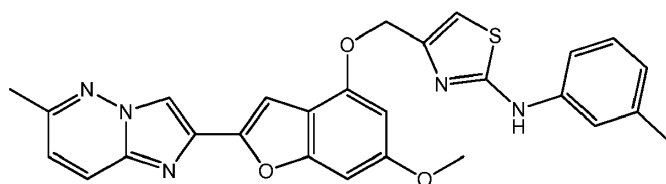
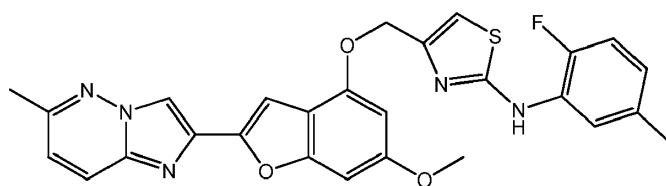
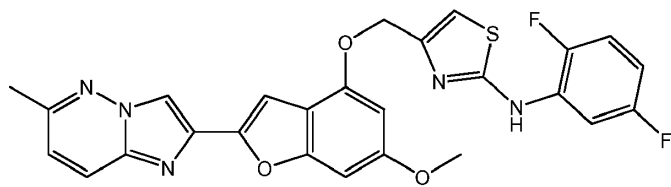
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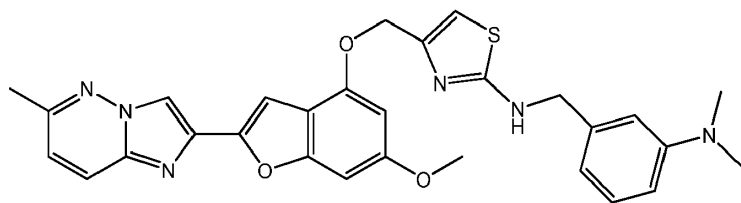
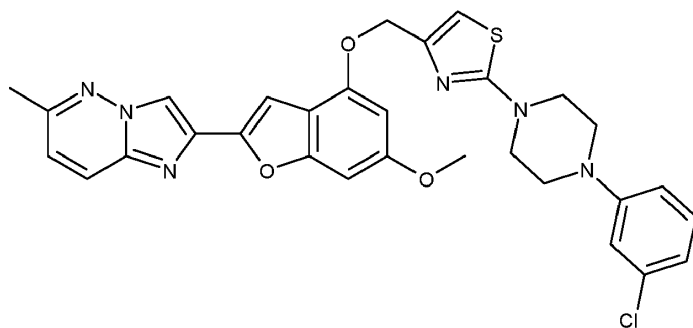
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EP3632919

27



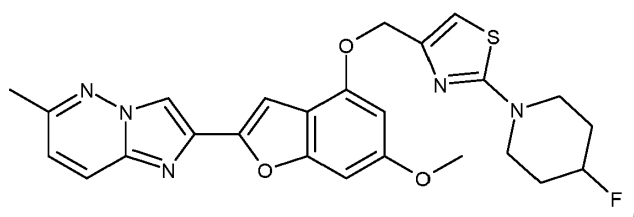
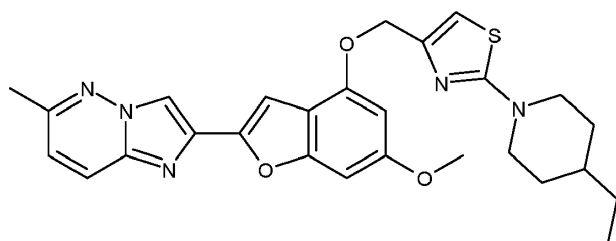
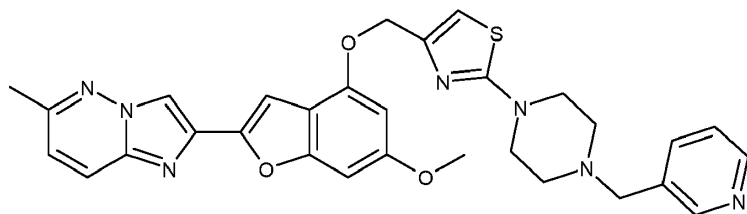
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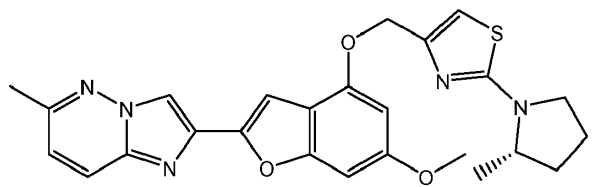
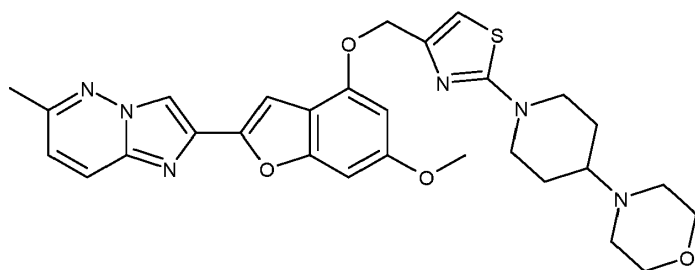
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EP3632919

28



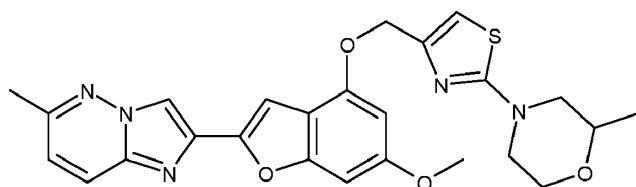
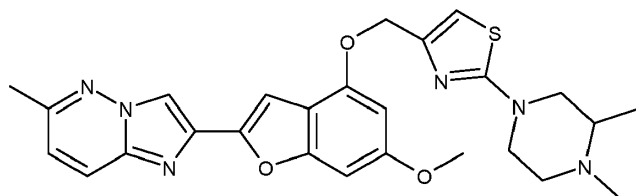
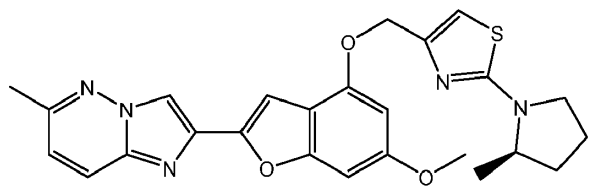
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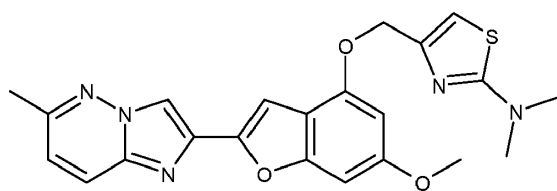
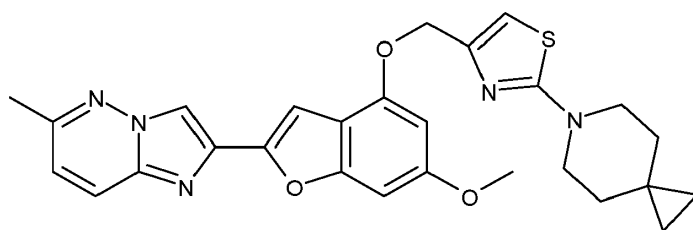
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EP3632919

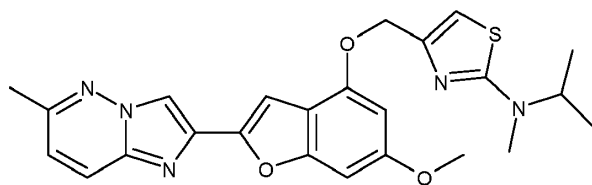
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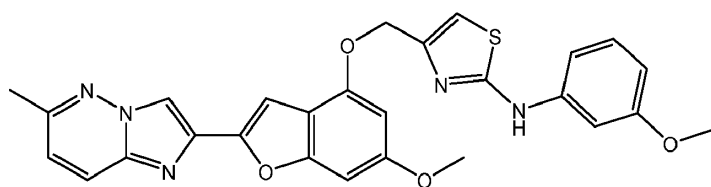
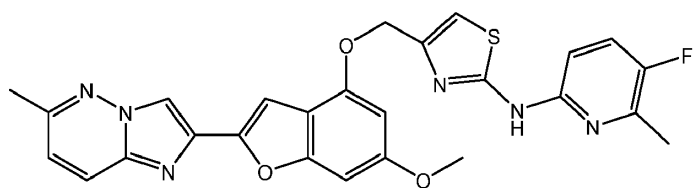
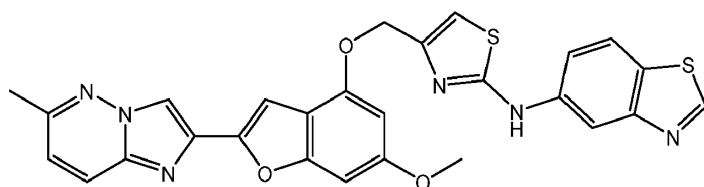


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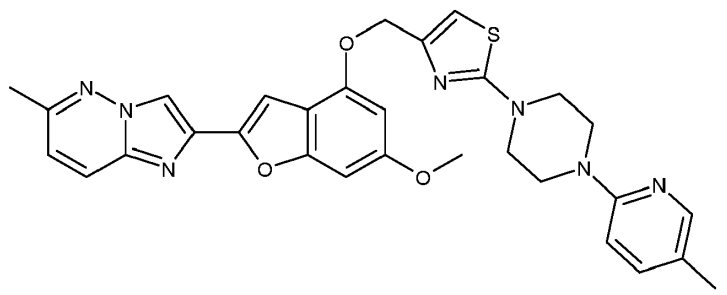
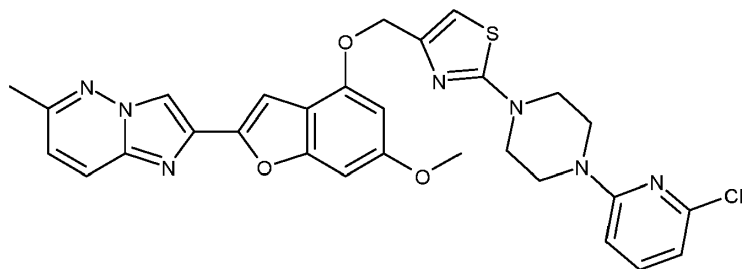


EP3632919

30



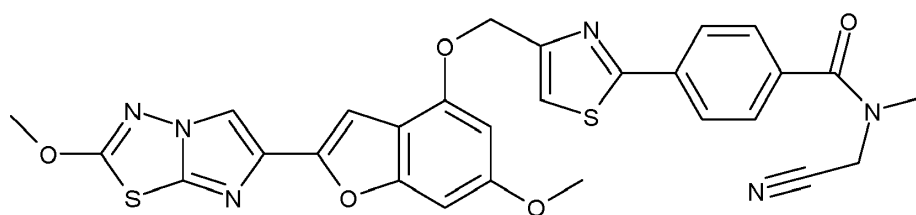
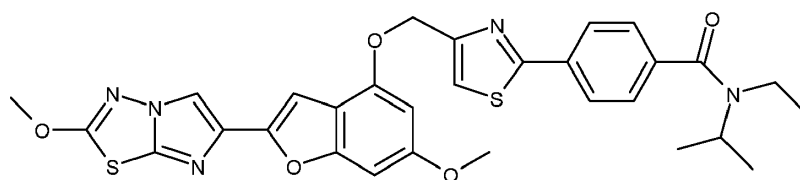
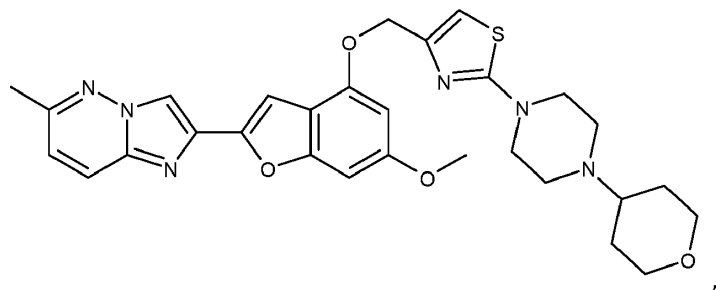
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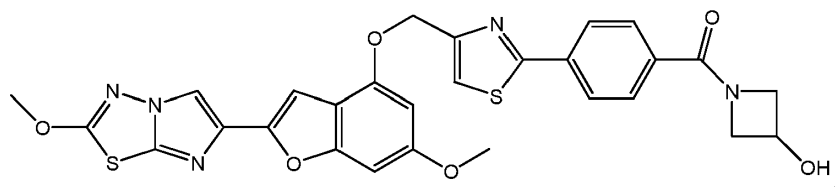
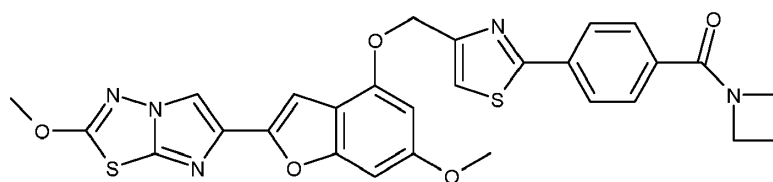
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EP3632919

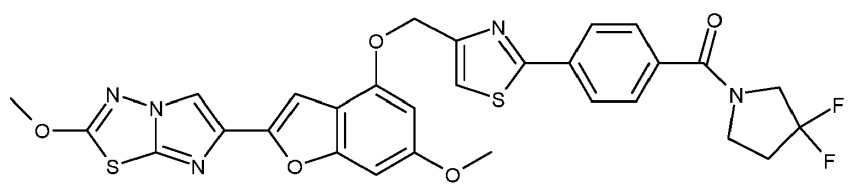
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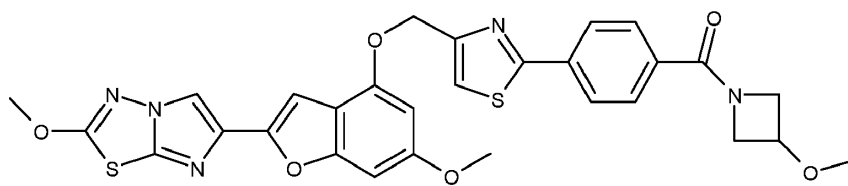
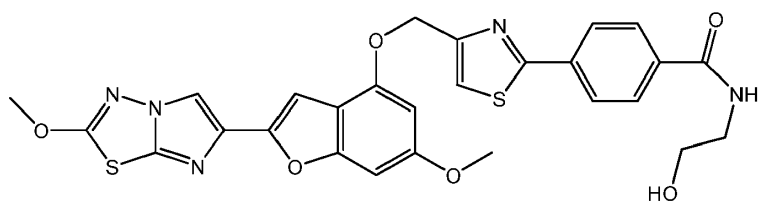
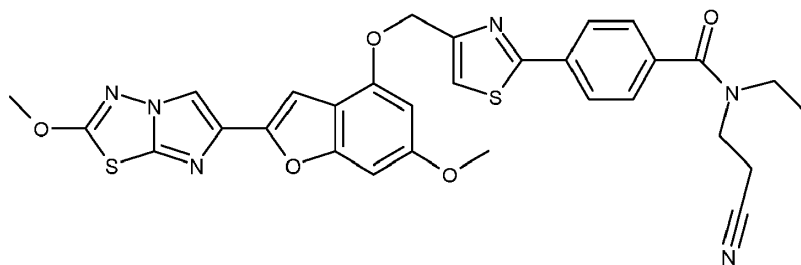


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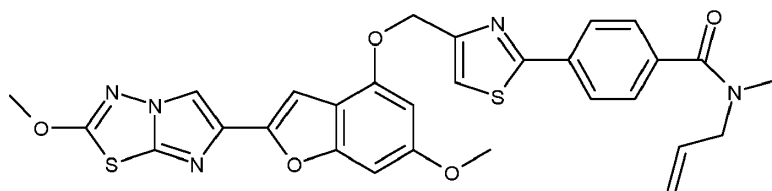
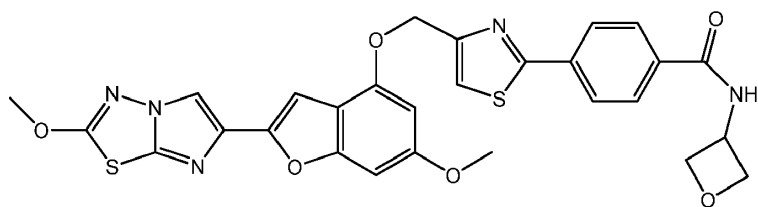


EP3632919

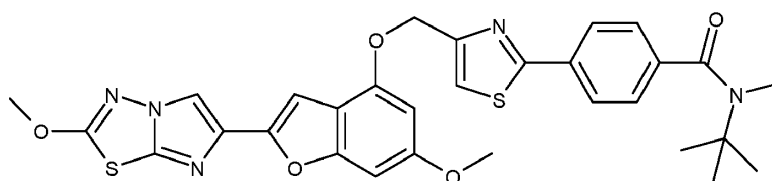
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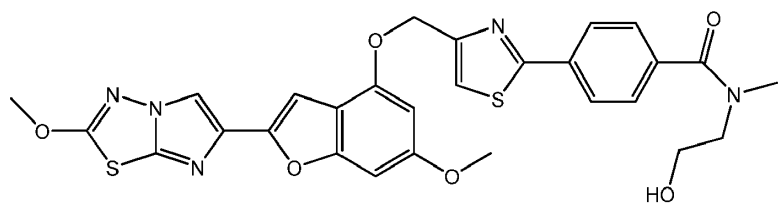
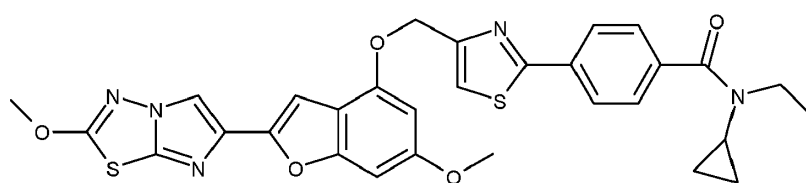
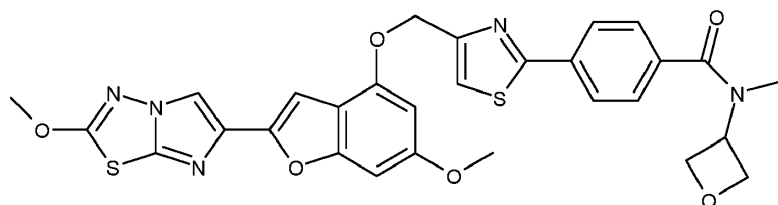


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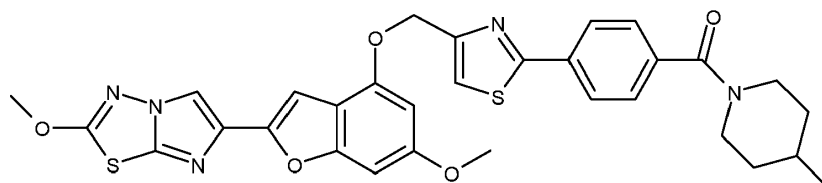
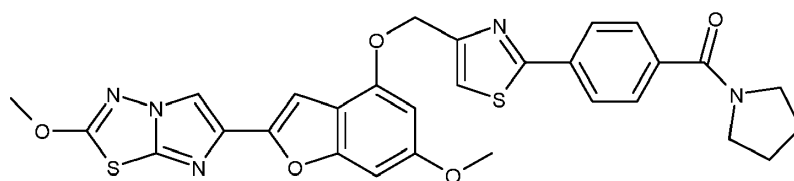


EP3632919

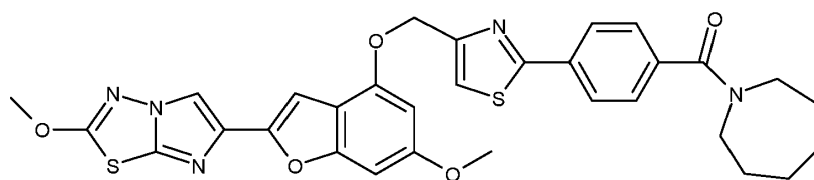
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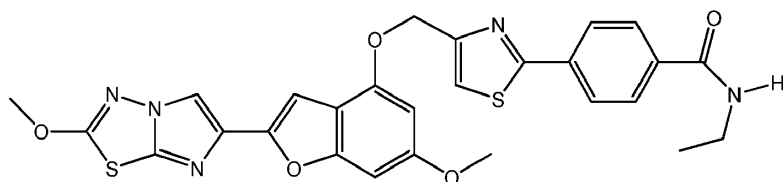
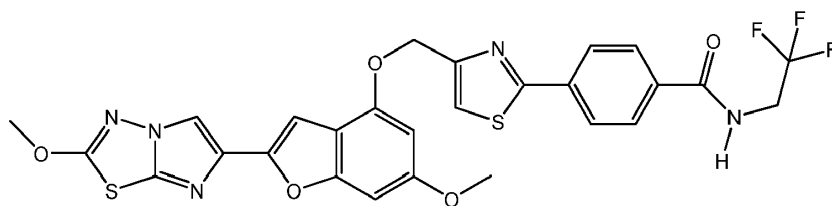
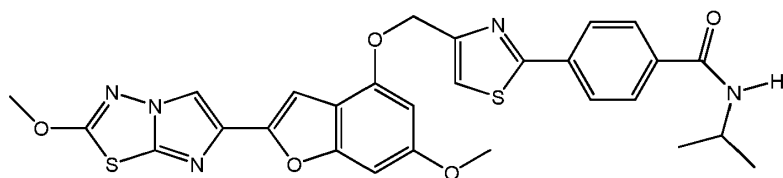


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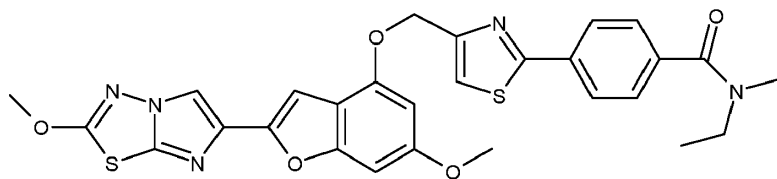
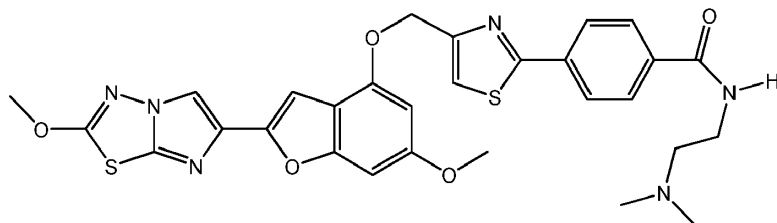


EP3632919

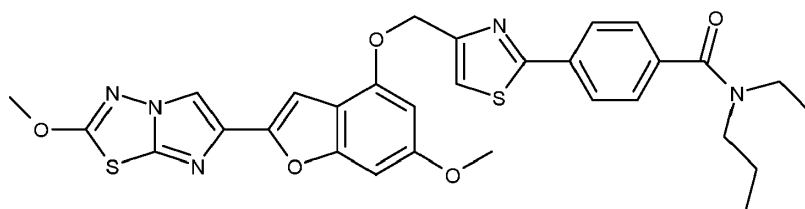
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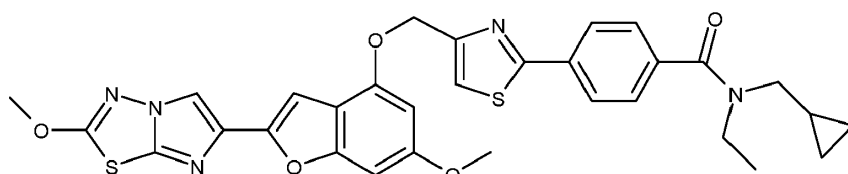
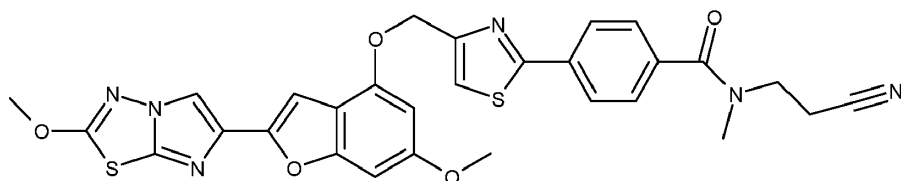
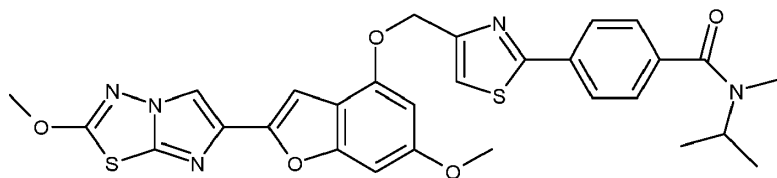


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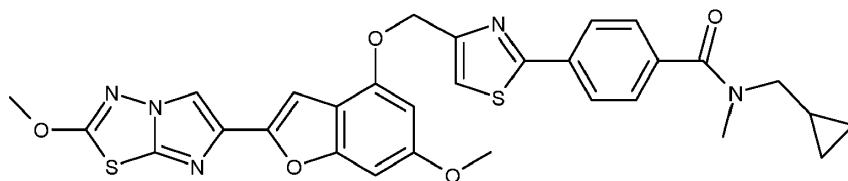
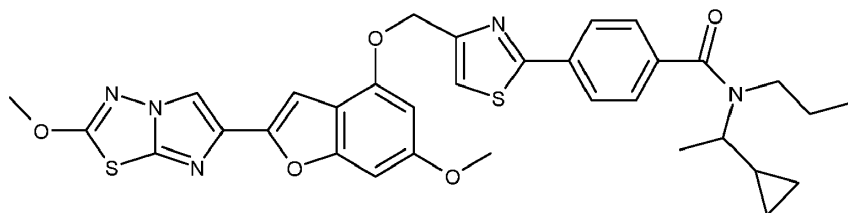


EP3632919

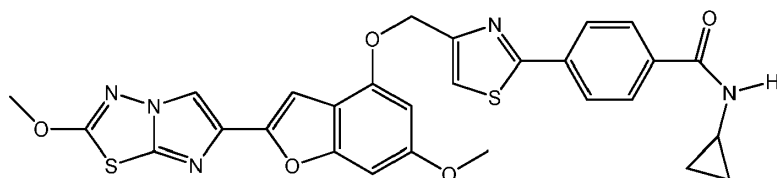
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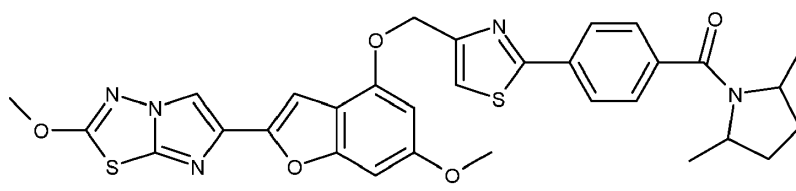
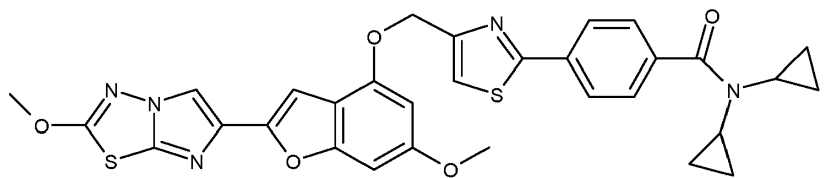


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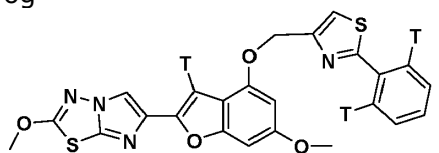


EP3632919

36



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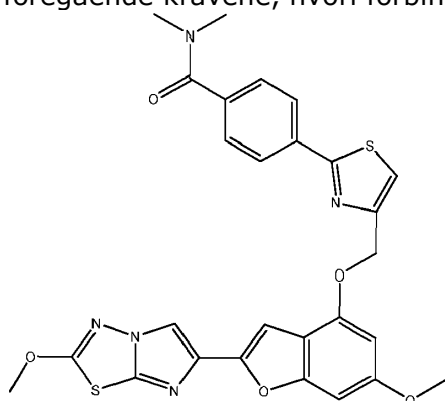
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eller en stereoisomer, tautomer, farmasøytisk akseptabelt salt eller solvat derav, en farmasøytisk akseptabel bærer, og et annet terapeutisk middel.

**2.** Den farmasøytiske sammensetningen ifølge krav 1, hvori det andre terapeutiske midlet er et antikoagulerende middel.

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**3.** Den farmasøytiske sammensetningen ifølge et hvilket som helst av de foregående kravene, hvori forbindelsen har formelen:

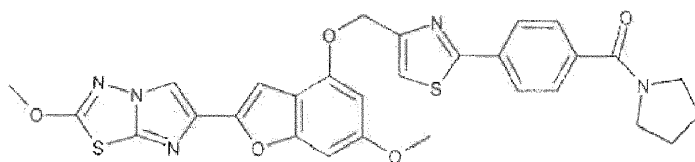


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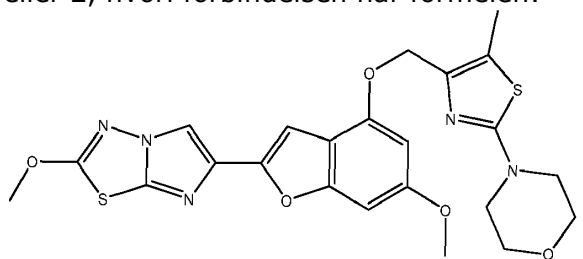
**4.** Den farmasøytiske sammensetningen ifølge et hvilket som helst av kravene 1 eller 2, hvori forbindelsen har formelen:

EP3632919

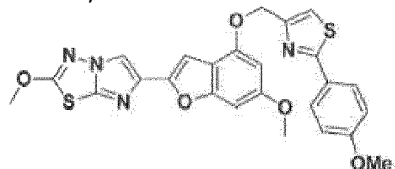
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- 5 **5.** Den farmasøytiske sammensetningen ifølge et hvilket som helst av kravene 1 eller 2, hvori forbindelsen har formelen:



- 10 **6.** Den farmasøytiske sammensetningen ifølge et hvilket som helst av kravene 1 eller 2, hvori forbindelsen har formelen:



- 15 **7.** Den farmasøytiske sammensetningen som definert i et hvilket som helst av kravene 1–6, for anvendelse i behandlingen eller profylaksen av en tromboembolisk lidelse.

- 20 **8.** Den farmasøytiske sammensetningen for anvendelse ifølge krav 7, hvori den tromboemboliske lidelsen er valgt fra gruppen som består av arterielle kardiovaskulære tromboemboliske lidelser, venøse kardiovaskulære tromboemboliske lidelser, cerebrovaskulære tromboemboliske lidelser og tromboemboliske lidelser i hjertekamrene i det perifere kretsløpet.