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(54) Title **P-SUBSTITUTED ASYMMETRIC UREAS AND MEDICAL USES THEREOF**

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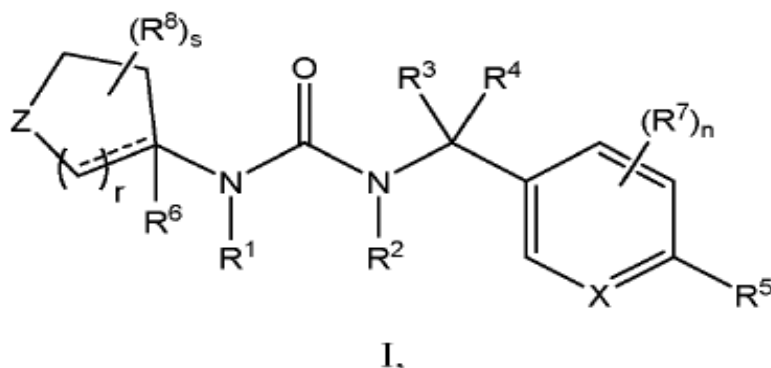
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Enclosed is a translation of the patent claims in Norwegian. Please note that as per the Norwegian Patents Acts, section 66i the patent will receive protection in Norway only as far as there is agreement between the translation and the language of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

1. En forbindelse med formel I:



eller et farmasøytisk akseptabelt salt derav, hvor:

en prikket linje indikerer en valgfri binding;

X er CH;

Z er NR⁹;

R¹ er H, C₁₋₆ alkyl, benzyl, OH, eller C₁₋₆ alkoksy, hvor nevnte C₁₋₆ alkyl, benzyl, eller C₁₋₆ alkoksy ikke er substituert eller substituert med 1-3 substituenten valgt fra halo, OH, C₁₋₆ alkyl, C₁₋₆ alkoksy, C₁₋₆ hydroksyalkyl, CO(C₁₋₆ alkyl), CHO, CO₂H, CO₂(C₁₋₆ alkyl), og C₁₋₆ haloalkyl;

R² er H;

R³ og R⁴ er hver, uavhengig, H, CN, halo, CHO, CO₂H, C₁₋₆ alkyl, C₁₋₆ hydroksyalkyl, C₁₋₆ alkylsykloalkyl, C₁₋₆ haloalkyl, C₁₋₆ alkoksy, CO(C₁₋₆ alkyl), CO₂(C₁₋₆ alkyl), eller CONR¹²R¹³;

eller R³ og R⁴ tatt sammen med C atomet til hvilket de er festet danner en 3-6-leddet ring;

R⁵ er pyridyl, pyridazinyl, pyrazinyl, pyrimidinyl eller C₂₋₆ alkynyl, som hver ikke er substituert eller substituert med 1-3 substituenten valgt fra halo, CN, OH, NO₂, Si(CH₃)₄, CHO, og CO₂H, eller CO(C₁₋₆ alkyl), CO₂(C₁₋₆ alkyl), NR¹⁴R¹⁵, NHCONR¹⁴R¹⁵, CONR¹⁴R¹⁵, CH=NOH, C₁₋₆ alkyl, C₁₋₆ alkoksy, C₁₋₆ haloalkyl, C₁₋₆ hydroksyalkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, aryl, sykloalkyl, heteroaryl, og heterosykloalkyl;

R⁶ er H;

R⁷ er halo;

R^8 er metyl;

R^9 er H, C_{1-6} alkyl, $CO(C_{1-6}$ alkyl), CHO, CO_2H , eller $CO_2(C_{1-6}$ alkyl);

R^{12} og R^{13} er hver, uavhengig, H eller C_{1-6} alkyl;

R^{14} og R^{15} er hver, uavhengig H, C_{1-6} alkyl, $CO(C_{1-6}$ alkyl), CO (heteroaryl), heteroaryl, eller sykloalkyl;

r er 2;

s er 0-4; og

n er 0-3.

2. Forbindelsen i henhold til krav 1, hvor Z er $N(C_{1-6}$ alkyl).
3. Forbindelsen i henhold til krav 1, hvor Z er NCH_3 .
4. Forbindelse i henhold til krav 1, hvor R^1 er H_3 , metoksy, etoksy eller propoksy; eller R^1 er benzyl eventuelt substituert med $CO_2(C_{1-6}$ alkyl) eller C_{1-6} hydroksyalkyl.
5. Forbindelsen i henhold til krav 1, hvor R^3 og R^4 er hver, uavhengig valgt fra C_{1-6} alkyl, CN, C_{1-6} alkylsykloalkyl, CO_{1-6} hydroksyalkyl, $CO_2(C_{1-6}$ alkyl), C_{1-6} haloalkyl og $CONH_2$.
6. Forbindelsen i henhold til krav 5, hvor nevnte C_{1-6} alkyl er metyl eller etyl.
7. Forbindelsen i henhold til krav 5, hvor nevnte C_{1-6} alkylsykloalkyl er C_1 alkylsyklopropyl.
8. Forbindelsen i henhold til krav 5, hvor nevnte C_{1-6} hydroksyalkyl er C_1 hydroksyalkyl eventuelt substituert med en substituert eller usubstituert benzyl gruppe.
9. Forbindelsen i henhold til krav 5, hvor nevnte $CO_2(C_{1-6}$ alkyl) er CO_2CH_3 .
10. Forbindelsen i henhold til krav 5, hvor nevnte C_{1-6} haloalkyl er CF_3 .
11. Forbindelsen i henhold til krav 1, hvor R^3 og R^4 tatt sammen med C-atomet til hvilke de er festet for å danne en syklopropyl ring eller en tetrahydropyranyl ring.

14. Forbindelsen i henhold til krav 1, valgt fra gruppen bestående av:

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
5 H0496		3-(1-(2,3-diklor-4-(pyridin-3-yl)fenyl) etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
10 H0539		metyl 4-((3-(1-(2,3-diklor-4-(pyridin-3-yl)fenyl)etyl)-1-(1-metylpiperidin-4-yl) ureido)metyl)benzoat
15 H0546		3-(1-(2,3-diklor-4-(pyridin-3-yl)fenyl) etyl)-1-(4-(hydroksymetyl)benzyl)-1-(1-metylpiperidin-4-yl)urea
20 H0527		3-(1-(2,3-diklor-4-(pyridin-3-yl)fenyl) etyl)-1-(1,3-dimetylpiperidin-4-yl)-1 -metylurea
25 H0497		3-(1-(2,3-diklor-4-(pyridin-4-yl)fenyl) etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
30 H0650		3-(1-(2,3-diklor-4-(pyridin-2-yl)fenyl) etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
35 H0849		3-(1-(2,3-diklor-4-(5-cyclopropylpyridin-2-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
40 H0511		3-(1-(2,3-diklor-4-(6-metoksypyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0820		3-(1-(2,3-diklor-4-(6-syklopropylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0613		3-(1-(2,3-diklor-4-(5-cyanopyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0614		3-(1-(2,3-diklor-4-(5-fluorpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0635		metyl 5-(2,3-diklor-4-(1-(3-metyl-3-(1-metylpipe-ridin-4-yl)ureido)etyl)fenyl)nikotinat
H0636		3-(1-(2,3-diklor-4-(5-(hydroksymetyl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0637		3-(1-(2,3-diklor-4-(5-(difluormetyl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0638		3-(1-(2,3-diklor-4-(5-(fluormetyl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0639		3-(1-(2,3-diklor-4-(5-metylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0642		3-(1-(2,3-diklor-4-(5-formylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0704		3-(1-(4-(5-aminopyridin-3-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0707		3-(1-(4-(5-(1H-pyrazol-4-yl)pyridin-3-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0711		3-(1-(4-(5-(1H-imidazol-4-yl)pyridin-3-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0716		3-(1-(2,3-diklor-4-(5-(thiazol-5-yl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0717		3-(1-(2,3-diklor-4-(5-(thiophen-2-yl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0718		3-(1-(2,3-diklor-4-(5-syklopentylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0719		3-(1-(2,3-diklor-4-(5-(pyrrolidin-1-yl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0715		3-(1-(2,3-diklor-4-(5-etylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0706		3-(1-(2,3-diklor-4-(5-vinylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0710		3-(1-(2,3-diklor-4-(5-ethynylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0666		3-(cyano(2,3-diklor-4-(5-cyanopyridin-3-yl)fenyl)metyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0739		3-((4-(5-(1H-pyrrol-2-yl)pyridin-3-yl)-2,3-diklorfenyl)(cyano)metyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0667		3-(1-(2,3-diklor-4-(5-cyanopyridin-3-yl)fenyl)etyl)-1-hydroksy-1-(1-metylpiperidin-4-yl)urea
H0646		(E)-3-(1-(2,3-diklor-4-(5-((hydroksyimino)metyl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0516		3-(1-(2,3-diklor-4-(pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
H0649		3-(1-(2,3-diklor-4-(2-metoksypyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0797		3-(1-(2,3-diklor-4-(2-hydroksypyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0798		3-(1-(4-(2-aminopyrimidin-5-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0800		3-(1-(2,3-diklor-4-(2-fluorpyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0801		3-(1-(2,3-diklor-4-(2-klorpyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0802		3-(1-(2,3-diklor-4-(2-cyanopyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0803		3-(1-(4-(2-(1H-imidazol-1-yl)pyrimidin-5-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0804		3-(1-(2,3-diklor-4-(2-(dimetyl-amino)pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0805		3-(1-(2,3-diklor-4-(2-(syklopropyl-amino)pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0806		3-(1-(2,3-diklor-4-(2-(metyl-amino)pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0854		3-(1-(2,3-diklor-4-(2-syklopropylpyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0813		3-(1-(2,3-diklor-4-(2-(pyrrolidin-1-yl)pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0703		3-(1-cyano-1-(2,3-diklor-4-(pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0709		3-(cyano(2,3 -diklor-4-(pyrimidin-5-yl)fenyl)metyl)-1-metoksy-1-(1-metylpipe-ridin-4-yl)urea
H0663		3-(1-(2,3-diklor-4-(2,4-dimetoksy-pyrimidin-5-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0624		3-(1-(2,3-diklor-4-(pyrimidin-5-yl)fenyl)etyl)-1-hydroksey-1-(1-metylpipe-ridin-4-yl) urea
H0662		metyl 2-(2,3-diklor-4-(pyrimidin-5-yl) fenyl)-2-(3-metyl-3-(1-metylpipe-ridin-4-yl)ureido)acetat

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0670		3-(1-(2,3-diklor-4-(pyrimidin-5-yl)fenyl)-2-hydroksyetyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0673		3-(1-(2,3-diklor-4-(pyrimidin-5-yl)fenyl)syklopropyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0631		3-(cyano(2,3-diklor-4-(pyrimidin-5-yl)fenyl)metyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0686		3-(1-(2,3-diklor-4-(pyrimidin-5-yl)fenyl)-2,2,2-trifluoretyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0619		3-(1-(2,3-diklor-4-(pyrimidin-2-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl) urea
H0768		3-(1-(2,3-diklor-4-(pyrimidin-4-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl) urea
H0808		3-(1-(2,3-diklor-4-(6-metylpyrimidin-4-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0700		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
H0816		(S)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
H0817		(R)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
H0743		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-metoksy-1-(1-metylpiperidin-4-yl) urea
H0750		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-etoksy-1-(1-metylpiperidin-4-yl) urea
H0756		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-hydroksy-1-(1-metylpiperidin-4-yl) urea
H0824		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-metyl-1-((R)-1,3,3-trimetylpiperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0890		3-((S)-1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)etyl)-1-metyl-1-((R)-1,3,3-trimetylpiiperidin-4-yl)urea
H0858		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)propyl)-1-metyl-1-((R)-1,3,3-trimetylpiiperidin-4-yl)urea
H0865		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)-2,2,2-trifluoretyl)-1-metyl-1-((R)-1,3,3-trimetylpiiperidin-4-yl)urea
H0825		1-benzyl-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)etyl)-1-((1-metylpiiperidin-4-yl)urea
H0826		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)etyl)-1-etyl-1-((1-metylpiiperidin-4-yl)urea
H0889		(S)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)etyl)-1-etyl-1-((1-metylpiiperidin-4-yl)urea
H0896		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)propyl)-1-etyl-1-((1-metylpiiperidin-4-yl)urea

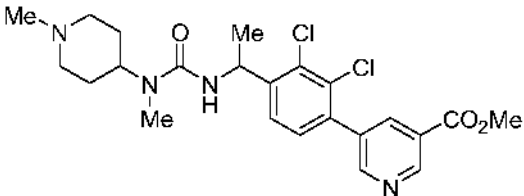
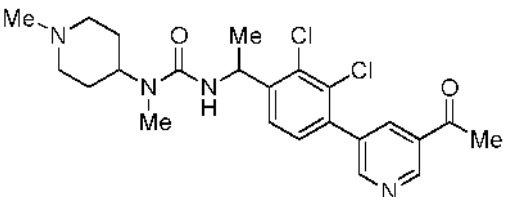
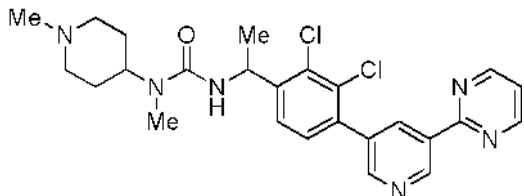
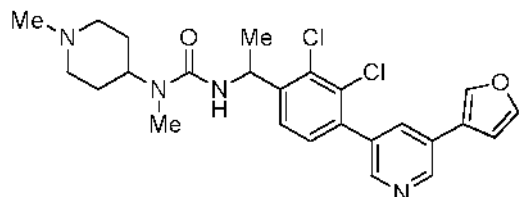
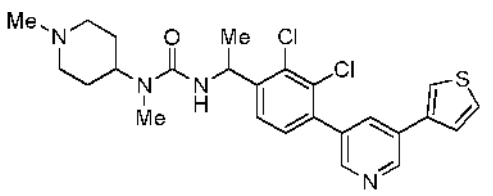
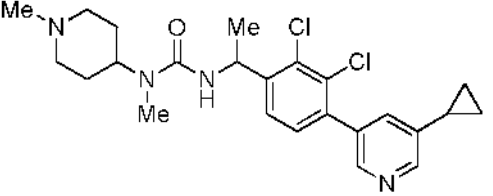
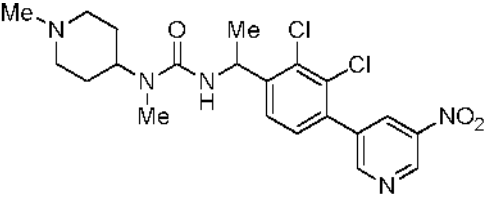
Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0827		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) etyl)-1-(1-metylpiperidin-4-yl)-1-propylurea
H0829		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) propyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea
H0859		(R)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) propyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea (single enantiomer)
H0860		(S)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl) propyl)-1-metyl-1-(1-metylpiperidin-4-yl) urea (single enantiomer)
H0922		metyl 2-(2,3-diklor-4-(pyrazin-2-yl) fenyl)-2-(3-metyl-3-(1-metylpiperidin-4-yl)ureido)acetate
H0924		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)-2-hydroksyetyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0830		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)-2,2,2-trifluoretyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0899		(S)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)-2,2,2-trifluoretyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0900		(R)-3-(1-(2,3-diklor-4-(pyrazin-2-yl) fenyl)-2,2,2-trifluoretyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0909		3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)-2,2,2-trifluoretyl)-1-etyl-1-(1-metylpiperidin-4-yl)urea
H0856		3-(1-(3-klor-2-fluor-4-(pyrazin-2-yl) fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0815		3-(1-(2,3-diklor-4-(6-metylpyrazin-2-yl) fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0831		3-(1-(2,3-diklor-4-(3-metylpyrazin-2-yl) fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0843		3-(1-(2,3-diklor-4-(3-metylpyrazin-2-yl) fenyl)etyl)-1-metyl-1-((R)-1,3,3-trimetylpiperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0738		3-(1-(2,3-diklor-4-(6-metoksy-pyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea
H0780		3-(1-(4-(6-aminopyrazin-2-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea
H0786		3-(1-(2,3-diklor-4-(6-(klormetyl) pyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea
H0791		3-(1-(2,3-diklor-4-(6-klorpyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea
H0795		3-(1-(2,3-diklor-4-(6-fluorpyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea
H0847		(S)-3-(1-(2,3-diklor-4-(6-fluorpyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea
H0848		(R)-3-(1-(2,3-diklor-4-(6-fluorpyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl-piperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0863		3-(1-(2,3-diklor-4-(6-fluorpyrazin-2-yl) fenyl)propyl)-1-metyl-1-(1-metyl piperidin-4-yl)urea
H0908		3-(1-(2,3-diklor-4-(6-fluorpyrazin-2-yl) fenyl)-2,2,2-trifluoretyl)-1-metyl-1-(1-metyl piperidin-4-yl)urea
H0840		3-(1-(2,3-diklor-4-(3-fluorpyrazin-2-yl) fenyl)etyl)-1-metyl-1-(1-metyl piperidin-4-yl)urea
H0910		3-(1-(2,3-diklor-4-(6-(trifluormetyl) pyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl piperidin-4-yl)urea
H0788		3-(1-(2,3-diklor-4-(6-cyanopyrazin-2-yl) fenyl)etyl)-1-metyl-1-(1-metyl piperidin-4-yl)urea
H0789		metyl 6-(2,3-diklor-4-(1-(3-metyl-3-(1-metyl piperidin-4-yl)ureido)etyl)fenyl) pyrazin-2-karboksylate
H0760		5-(2,3-diklor-4-(1-(3-metyl-3-(1-metyl piperidin-4-yl)ureido)etyl)fenyl) pyrazin-2-carboxam ide

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0769		metyl 5-(2,3-diklor-4-(1-(3-metyl-3-(1-metyl)piperidin-4-yl)ureido)etyl)fenyl) pyrazin-2-karboksylat
H0771		5-(2,3-diklor-4-(1-(3-metyl-3-(1-metyl)piperidin-4-yl)ureido)etyl)fenyl)-N, N-dimetylpyrazin-2-karboksamide
H0770		3-(1-(2,3-diklor-4-(5-(hydroksymetyl)pyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0729		3-(1-(2,3-diklor-4-(pyridazin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0783		3-(1-(2,3-diklor-4-(pyridazin-4-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0607		3-(1-(2,3-diklor-4-(5-metoksypyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0695		3-(1-(4-(5-brompyridin-3-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea

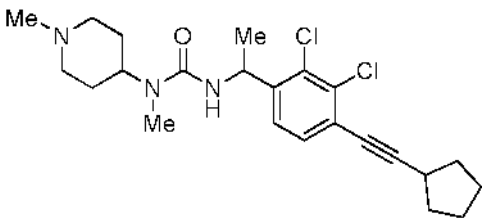
Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0635		metyl 5-(2,3-diklor-4-(1-(3-metyl-3-(1-metyl)piperidin-4-yl)ureido)etyl)fenyl) nikotinat
H0690		3-(1-(4-(5-acetylpyridin-3-yl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0735		3-(1-(2,3-diklor-4-(5-(pyrimidin- 2-yl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0746		3-(1-(2,3-diklor-4-(5-(furan-3-yl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0747		3-(1-(2,3-diklor-4-(5-(thiopen- 3-yl)pyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0765		3-(1-(2,3-diklor-4-(5-syklopropylpyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea
H0766		3-(1-(2,3-diklor-4-(5-nitropyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metyl)piperidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0608		3-(1-(2,3-diklor-4-(6-isopropoksypyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0616		3-(1-(2,3-diklor-4-(6-cyanopyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0618		3-(1-(2,3-diklor-4-(6-fluoropyridin-3-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0602		3-(1-(2,3-diklor-4-((trimetylsilyl)etynyl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0603		3-(1-(2,3-diklor-4-etynylfenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0832		3-(1-(2,3-diklor-4-(prop-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl) urea
H0852		3-(1-(2,3-diklor-4-(3-metylbut-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0701		3-(1-(2,3-diklor-4-(3-oksobut-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0733		3-(1-(2,3-diklor-4-(3-hydroksybut-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0755		3-(1-(2,3-diklor-4-(3-hydroksyprop-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0757		3-(1-(2,3-diklor-4-(3,3-dietoksyprop-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0734		3-(1-(2,3-diklor-4-(pyridin-2-ylethynyl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea
H0737		3-(1-(2,3-diklor-4-(tiofen-2-ylethynyl)fenyl)etyl)-1-metyl-1-(1-metylpipe-ridin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0762		3-(1-(2,3-diklor-4-(furan-2-yletynyl) fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0751		3-(1-(2,3-diklor-4-(thiazol-4-yletynyl) fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0763		3-(1-(4-((1H-imidazol-4-yl)etynyl)-2,3-diklorfenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0759		3-(1-(2,3-diklor-4-(thiopen-3-yletynyl) fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0785		3-(1-(2,3-diklor-4-(3-(thiopen-2-yl)prop-1-yn-1-yl)fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
H0754		3-(1-(2,3-diklor-4-(thiazol-2-yletynyl) fenyl)etyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea

Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0753		3-(1-(2,3-diklor-4-(pyrimidin-5-yletynyl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0609		3-(1-(2,3-diklor-4-(fenyletynyl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0764		3-(1-(2,3-diklor-4-(syklopropyletynyl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0818		3-(1-(2,3-diklor-4-(syklopropyletynyl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea (enkel enantiomer)
H0819		3-(1-(2,3-diklor-4-(syklopropyletynyl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea (enkel enantiomer)
H0855		3-(1-(3-klor-4-(syklopropyletynyl)-2-fluorfenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea

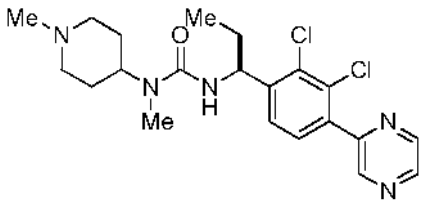
H0811		3-(1-(2,3-diklor-4-(syklopentyletynyl) fenyl)etyl)-1-metyl-1-(1-metylpiiperidin-4- yl)urea
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Forbindelse nr.	Kjemisk struktur	Kjemisk navn
H0742		3-(1-(2,3-diklor-4-etynylfenyl)etyl)-1-metoksy-1-(1-metylpiperidin-4-yl)urea
H0745		3-(1-(2,3-diklor-4-etynylfenyl)etyl)-1-hydroksy-1-(1-metylpiperidin-4-yl)urea
H0749		3-(1-(2,3-diklor-4-etynylfenyl)etyl)-1-etoksy-1-(1-metylpiperidin-4-yl)urea

eller et farmasøytisk akseptabelt salt derav.

15. En forbindelse i henhold til krav 1, valgt fra gruppen bestående av:

H0816		(S)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0900		(R)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)-2,2,2-trifluoretyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea
H0847		(S)-3-(1-(2,3-diklor-4-(6-fluoropyrazin-2-yl)fenyl)etyl)-1-metyl-1-(1-metylpiperidin-4-yl)urea

H0860		(S)-3-(1-(2,3-diklor-4-(pyrazin-2-yl)fenyl)propyl)-1-metyl-1-(1-metylpipeidin-4-yl)urea
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eller et farmasøytisk akseptabelt salt derav.

16. En farmasøytisk sammensetning innbefattende en terapeutisk effektiv mengde av en forbindelse i henhold til krav 1, og en eller flere farmasøytisk akseptable eksipienter.

5

17. En forbindelse i henhold til krav 1 for bruk ved en fremgangsmåte for behandling av en lidelse forbundet med ekspresjon eller aktivitet til en ghrelin reseptor i et humant subjekt, hvor nevnte lidelse er: fedme, overvekt, spiseforstyrrelse, diabetes, metabolsk syndrom, kakeksi som er et resultat av
10 kreft, hjertesvikt, emaserasjon på grunn av aldring eller AIDS, kronisk leversykdom, kronisk obstruktiv lungesykdom, gastrointestinal lidelse, magelidelser, alkohol eller medikament misbruk, Prader-Willi Syndrom, Binge spiselidelse, Parkinson-indusert forstoppelse og gastrisk dysostose, kjemoterapi-indusert svimmelhet og oppkast,
15 inflammasjon, smerter, eller bevegelsessykdom.

18. Forbindelsen for bruk i henhold til krav 17, hvor nevnte metabolske syndrom er valgt fra gruppen bestående av diabetes, Type I diabetes, Type II diabetes, inadekvat glukose toleranse, insulin resistens, hyperglykemi, hyperinsulinemi, hyperlipidemi, hypertriglyseridemi, hyperkolesterolemi,
20 dyslipidema, fedme, aldring, Syndrom X, atherosklerose, hjertelidelse, slag, hypertensjon og perifer vaskulær lidelse.

19. Forbindelsen for bruk i henhold til krav 17, hvor nevnte gastriske lidelse er valgt fra gruppen bestående av post-operativ tarmslyng (POI), diabetisk gastroparese, og opioid indusert tarm dysfunksjon.

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20. Forbindelsen for bruk i henhold til krav 17, hvor nevnte gastrointestinale lidelse er valgt fra gruppen bestående av colon irritabile syndrom, gastritt, syre refluks lidelse, gastroparese, og funksjonell dyspepsi.

21. Forbindelsen for bruk i henhold til krav 17, hvor nevnte medikament er valgt fra gruppen bestående av amfetaminer, barbiturater, benzodiazepiner, kokain, metaqualon, og opioider.