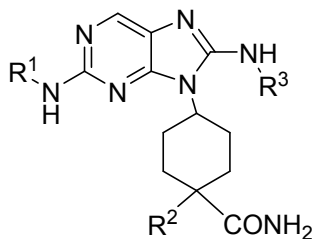


REIVINDICACIONES

1. Un compuesto de la fórmula (I):



(I)

o una sal, tautómero, estereoisómero o enantiómero farmacéuticamente aceptable del mismo,

caracterizado porque:

R¹ es heterociclilo no aromático sustituido o no sustituido;

R² es H o alquilo de C₁₋₃ sustituido o no sustituido;

R³ es fenilo, sustituido con uno, dos o tres halógenos, opcional y adicionalmente sustituido con uno, dos o tres sustituyentes independientemente seleccionados de alquilo de C₁₋₃ sustituido o no sustituido, CN, y -OR', en donde cada R' es independientemente alquilo de C₁₋₃ sustituido o no sustituido;

en donde cuando un grupo alquilo C₁₋₃ está sustituido, está sustituido con uno, dos o tres sustituyentes seleccionados del grupo que consiste de cloro; yodo; bromo; flúor; alquilo; hidroxilo; alcoxi; alcoxialquilo; amino; alquilamino; carboxi; nitro; ciano; tiol; tioéter; imina; imida; amidina; guanidina; enamina; aminocarbonilo; acilamino; fosfonato; fosfina; tiocarbonilo; sulfinilo; sulfona; sulfonamida; acilo; éster; urea; uretano; oxima; hidroxil amina; alcoxiamina; ariloxiamina; aralcoxiamina; N-óxido; hidracina; hidrazida; hidrazona; azida; isocianato; isotiocianato; cianato; tiocianato; B(OH)₂; y O(alquil)aminocarbonilo;

en donde cuando un grupo, otro que un grupo alquilo C₁₋₃ está sustituido, está sustituido con uno, dos o tres sustituyentes seleccionados del grupo que consiste de cloro; yodo; bromo; flúor; alquilo; hidroxilo; alcoxi; alcoxialquilo; amino; alquilamino; carboxi; nitro; ciano; tiol; tioéter; imina; imida; amidina; guanidina; enamina; aminocarbonilo; acilamino; fosfonato; fosfina; tiocarbonilo; sulfinilo; sulfona; sulfonamida; acilo; éster; urea; uretano; oxima; hidroxil amina; alcoxiamina; ariloxiamina; aralcoxiamina; N-óxido; hidracina; hidrazida; hidrazona; azida; isocianato; isotiocianato; cianato; tiocianato; oxo; B(OH)₂; O(alquil)aminocarbonilo; cicloalquilo, el cual puede ser monocíclico o policíclico fusionado o no fusionado; arilo o heteroarilo monocíclico o policíclico fusionado o no fusionado; ariloxi; aralquilo; heterociclilo; y heterociclilalcoxi; y en donde un grupo alquilo es un hidrocarburo no cíclico de cadena lineal o ramificada saturada, parcialmente saturada o insaturada que tiene de 1 a 10 átomos de carbono;

en donde un grupo cicloalquilo es un grupo alquilo cíclico saturado o parcialmente saturado de 3 a 10 átomos de carbono que tiene un único anillo cíclico o múltiples anillos condensados o con puente;

en donde un grupo arilo es un grupo carbocíclico aromático de 6 a 14 átomos de carbono que tiene un solo anillo o múltiples anillos condensados;

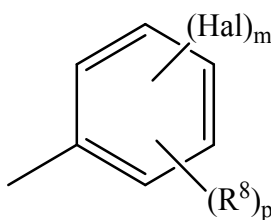
en donde un grupo heteroarilo es un cicloalquilo aromático de 3 a 10 átomos de carbono que tiene un solo anillo cíclico o múltiples anillos condensados o con puente en los que de uno a cuatro de los átomos de carbono del anillo se reemplazan independientemente con un heteroátomo del grupo que consiste en O, S y N;

en donde un grupo aralquilo es un radical de la fórmula: -alquil-arilo; y

en donde un grupo heterociclilo es un cicloalquilo aromático o no aromático en el cual de uno a cuatro de los átomos de carbono del anillo se reemplazan independientemente con un heteroátomo del grupo que consiste en O, S y N.

2. El compuesto de la reivindicación 1, caracterizado porque R^1 es un heterociclilo no aromático sustituido o no sustituido seleccionado de oxetanilo, tetrahydrofuranilo, tetrahydropiranilo, tetrahydro-tiopirandióxido, piperidilo, oxepanilo u oxaespiroheptilo.
3. El compuesto de la reivindicación 1, caracterizado porque R^1 se sustituye con uno, dos o tres sustituyentes independientemente seleccionados de halógeno, OR, SO_2R^4 , $C(=O)R^5$, $C(=O)OR^6$, $C(=O)NRR^7$, alquilo de C_{1-3} , arilo o heteroarilo, en donde cada R es independientemente H o alquilo de C_{1-3} ; R^4 es alquilo de C_{1-3} , o arilo; R^5 es alquilo de C_{1-3} ; R^6 es alquilo de C_{1-6} ; y R^7 es alquilo de C_{1-3} , o arilo.
4. El compuesto de la reivindicación 1, caracterizado porque R^1 es oxetanilo, tetrahydrofuranilo, tetrahydropiranilo, tetrahydro-tiopirandióxido, piperidilo, oxepanilo u oxaespiroheptilo, opcionalmente sustituido con uno, dos o tres sustituyentes independientemente seleccionados de F, OH, SO_2CH_3 , SO_2 -tosilo, $C(=O)CH_3$, $C(=O)OCH_3$, $C(=O)O$ -ter-butilo, $C(=O)O$ -isopropilo, $C(=O)NHCH_3$, $C(=O)NH$ -fenilo, metilo, etilo, isopropilo, CH_2OH , fenilo, piridilo, o bencilo.
5. El compuesto de la reivindicación 1, caracterizado porque R^2 es H.
6. El compuesto de la reivindicación 1, caracterizado porque R^2 es CH_3 .
7. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo orto-halógeno sustituido.
8. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo para-halógeno sustituido.
9. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo para-CN sustituido.
10. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo orto, orto-dihalógeno sustituido.

11. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo orto, para-dihalógeno sustituido.
12. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo de 2,4,6-trihalógeno sustituido.
13. El compuesto de la reivindicación 1, caracterizado porque R^3 es fenilo orto-halógeno, para-CN sustituido.
14. El compuesto de la reivindicación 1, caracterizado porque R^3 es



caracterizado porque

cada Hal es independientemente halógeno;

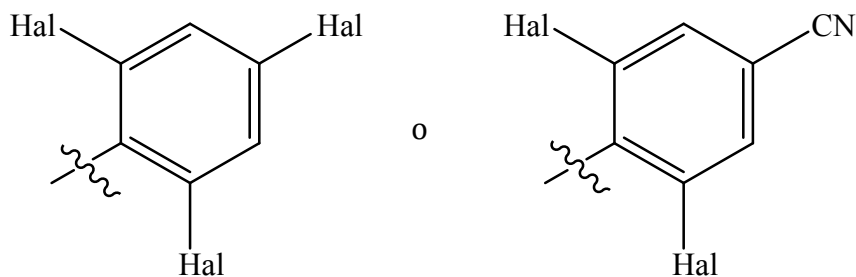
cada R^8 es independientemente alquilo de C_{1-3} sustituido o no sustituido, CN u OR';

cada R' es independientemente alquilo de C_{1-3} sustituido o no sustituido;

m es 1-3;

y p es 0-2.

15. El compuesto de la reivindicación 14, caracterizado porque cada Hal es independientemente Cl o F.
16. El compuesto de la reivindicación 14, caracterizado porque cada R^8 es independientemente CH_3 , CF_3 , CN u OCH_3 .
17. El compuesto de la reivindicación 14, caracterizado porque m es 2 o 3.
18. El compuesto de la reivindicación 14, caracterizado porque p es 0 o 1.
19. El compuesto de la reivindicación 14, en donde R^3 es



y cada Hal es independientemente halógeno.

20. El compuesto de la reivindicación 19, caracterizado porque cada Hal es independientemente F o Cl.

21. Un compuesto, caracterizado porque el compuesto es:

(1s,4s)-4-(8-(3-clorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexano carboxamida;

(1s,4s)-4-(8-(3-clorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexano carboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4-difluorofenilamino)-9H-purin-9-il) ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-clorofenilamino)-2-(4-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-difluorofenilamino)-2-(3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-difluorofenilamino)-2-(1-metilciclobutilamino)-9H-purin-9-il) ciclohexanocarboxamida;

(1s,4s)-4-(2-(tert-butilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il) ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-difluorofenilamino)-2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenil amino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-(4-metiltetrahidro-2H-piran-4-il amino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluoro fenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-clorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3,4-diclorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(5-cloro-2-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,5-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-diclorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-5-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-fluoro-2-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-bromo-2-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-fluoro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-(trifluorometil)fenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-fluoro-2-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-1-metil-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-difluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-diclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-diclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(oxetan-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-(oxetan-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(oxetan-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,5-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(isopropilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-3-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-diclorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-fluoro-6-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(5-cloro-2,4-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,5-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,3,4-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-3-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,5-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2-fluoro-5-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,3,4-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-fluoro-6-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2-fluoro-6-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-tetrahidrofuran-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1r,4r)-4-metoxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1r,4r)-4-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-6-fluoro-2-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,5-dicloro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-dicloro-4-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-3-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-difluoro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-3-fluoro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-dicloro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-difluoro-6-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-tetrahidrofuran-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4,4-difluorociclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-3-fluoro-2-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-3,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluoro-3-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1,1-dioxidotetrahidro-2H-tiopiran-4-il)amino)-8-((2,4,6-triclorofenil)amino)-9H-purin-9-il)ciclohexano-1-carboxamida;

(1s,4s)-4-(8-(2-clorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4-diclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2-fluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-diclorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-fluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(isopropilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,5-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,5-dimetilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2-fluoro-3-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-dicloro-6-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-5-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,5-difluoro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(1-(piridin-3-il)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(1-fenilpiperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4,6-triclorofenilamino)-2-(2,2,2-trifluoroetilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilmetilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-tetrahidro-2H-piran-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3,4-dicloro-2-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(6-cloro-2,3-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-difluoro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-metilfenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-1-hidroxiбутан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(3R,4S)-tert-butil 4-(9-((1s,4R)-4-carbamoilciclohexil)-8-(2,4,6-trifluorofenilamino)-9H-purin-2-ilamino)-3-fluoropiperidina-1-carboxilato;

(3R,4S)-tert-butil 4-(9-((1s,4R)-4-carbamoilciclohexil)-8-(2,6-difluorofenilamino)-9H-purin-2-ilamino)-3-fluoropiperidina-1-carboxilato;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-1-hidroxiпропан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-1-hidroxiпропан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1-hidroxiпропан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((R)-1-hidroxiпропан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-1-hidroxiпропан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((S)-1-hidroxiпропан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-hidroxiбутан-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3R,4S)-3-fluoropiperidin-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,3-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-metoxiproпан-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxiбутан-2-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxibutan-2-ilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-diclorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxibutan-2-ilamino)-8-(2,3,4-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-2-hidroxiopropilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-diclorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxibutan-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(3R,4S)-tert-butil 4-(9-((1s,4R)-4-carbamoilciclohexil)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-2-ilamino)-3-fluoropiperidina-1-carboxilato;

(1s,4s)-4-(8-((4-cloro-2,6-difluorofenil)amino)-2-((1,1-dioxidotetrahidro-2H-tiopiran-4-il)amino)-9H-purin-9-il)ciclohexano-1-carboxamida;

(1s,4s)-4-(8-((2,4-dicloro-6-fluorofenil)amino)-2-((1,1-dioxidotetrahidro-2H-tiopiran-4-il)amino)-9H-purin-9-il)ciclohexano-1-carboxamida;

(R)-tert-butil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-trifluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-tert-butil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-tert-butil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-diclorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-tert-butil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-tert-butil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-tert-butil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-triclorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(1R,4s)-4-(2-((S)-1-hidroxiopropan-2-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxiopropan-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-difluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-diclorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-diclorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(5-cloro-2-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,6-diclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-hidroxitetrahidrofuran-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-hidroxitetrahidrofuran-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((R)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-diclorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-(4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(4-cloro-2,3-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(3-cloro-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(1-acetilpiperidin-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(1-acetilpiperidin-4-ilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((S)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((S)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1-(hidroximetil)ciclopropil)metilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1-(hidroximetil)ciclopropil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclopentilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-diclorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclopentilamino)-8-(2,3,4-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,5-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4,4-difluorociclohexilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-diclorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((S)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((S)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((S)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((S)-tetrahidro-2H-piran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3R,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-difluorofenilamino)-2-((3R,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-cianofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,2R)-2-hidroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,2R)-2-hidroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,2R)-2-hidroxiciclopentilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-diclorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(5-cloro-2-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(3-cloro-2-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,2R)-2-hidroxiciclopentilamino)-8-(2,3,4-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,5-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,2S)-2-hidroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-difluorofenilamino)-2-((1S,2S)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-diclorofenilamino)-2-((1S,2S)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,2S)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,2S)-2-hidroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,2S)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,2S)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1S,2S)-2-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3R,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1r,3r)-3-hidroxiciclobutilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2,5-difluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4,4-difluorociclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4,4-difluorociclohexilamino)-8-(2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(1-(metilsulfonil)piperidin-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-diclorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-diclorofenilamino)-2-(1-(metilsulfonil)piperidin-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1r,3r)-3-hidroxiciclobutilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1r,3r)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3R,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((3R,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-difluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3R,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1s,3s)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3R,4S)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((3R,4S)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3R,4S)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-diclorofenilamino)-2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(5-cloro-2-fluorofenilamino)-2-((3S,4R)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,5-difluorofenilamino)-2-((3R,4S)-4-hidroxitetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1s,3s)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-((1s,3s)-3-hidroxiciclobutilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1s,3s)-3-hidroxiciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-diclorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-hidroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-hidroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(2,6-diclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(2-cloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(sec-butilamino)-8-(3-cloro-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-8-(2,3,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,5-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxiciclohexilamino)-8-(2,3,4-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-(trifluorometoxi)fenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-diclorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,3-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-difluoro-4-metoxifenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(3-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxi-4,4-dimetilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-diclorofenilamino)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((S)-1-hidroxipropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((S)-1-hidroxipropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-6-fluoro-4-(trifluorometil)fenilamino)-2-(tetraidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((S)-1-idroxiбутан-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-trifluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-diclorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-6-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-triclorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(4-cloro-2,3-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(3-cloro-2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,3,4-trifluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3S)-3-hidroxi-3-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3S)-3-hidroxi-3-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxi-3-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3S)-3-hidroxi-3-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3S)-3-hidroxi-3-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-fluorofenilamino)-2-((1R,3S)-3-hidroxi-3-metilciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((S)-1-hidroxibutan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxicicloheptilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-diclorofenilamino)-2-((1R,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-6-fluorofenilamino)-2-((1R,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-hidroxicicloheptilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1R,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(isopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-3-cianofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3R)-3-hidroxicicloheptilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((2S,4R)-2-(hidroximetil)tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((2S,4R)-2-(hidroximetil)tetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(3-ciano-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1S,3S)-3-hidroxicicloheptilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2,2-difluoro-3-hidroxiopropilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(2,2-difluoro-3-hidroxiopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(2,2-difluoro-3-hidroxiopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(2,2-difluoro-3-hidroxiopropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,3-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,5-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,2R)-2-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1,1,1-trifluoro-3-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-1,1,1-trifluoro-3-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1r,4r)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-1-metil-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1r,4r)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4r)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4r)-4-(2-((S)-1-hidroxiopropan-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(3-hidroxi-2,2-dimetilpropilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,2S)-2-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4r)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(2-(ciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(2-(ciclopentilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1r,4r)-4-(2-(ciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3R,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3R,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3R,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3R,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3R,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3R,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4S)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,2R)-2-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,2R)-2-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1S,2R)-2-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-1-metil-4-(2-(tetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((R)-tetrahidrofuran-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-tetrahidrofuran-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(1-morfolinopropan-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(oxepan-4-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(oxepan-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-3,3-difluorociclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxiopropan-2-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-1-hidroxiopropan-2-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(oxepan-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-idroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3S)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3S)-3-idroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3S)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3S)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1R,3S)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1R,3S)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(2-cloro-4-ciano-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(2-oxaspiro[3.3]heptan-6-ilamino)-8-(4-ciano-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(ciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((S)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((S)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((S)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-3,3-difluorociclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-((S)-3,3-difluorociclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-(trifluorometoxi)fenilamino)-2-((1R,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-(trifluorometoxi)fenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-(trifluorometoxi)fenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-(trifluorometoxi)fenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclobutilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(ciclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3R)-3-hidroxiciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,3R)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,3R)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,3R)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-idroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1R,3R)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((1R,3R)-3-idroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1R,3R)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1R,3R)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1R,3R)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1R,3R)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1R,3R)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((1R,3R)-3-idroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-idroxiciclopentilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((1S,3S)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((1S,3S)-3-idroxiciclopentilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,3S)-3-idroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1S,3S)-3-hidroxiciclopentilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(((1S,2S)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(((1S,2R)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(2-(((1S,2R)-2-hidroxiciclohexil)metilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(((1S,2R)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(((1S,2R)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-(((1S,2R)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(((1S,2R)-2-hidroxiciclohexil)metilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(3,3-difluorociclobutilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(4-(2,5-dioxopirrolidin-1-il)ciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(4-(2,5-dioxopirrolidin-1-il)ciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1s,4s)-4-(2-(4-(1,2,4-oxadiazol-5-il)ciclohexilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-(1,2,4-oxadiazol-5-il)ciclohexilamino)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-(1,2,4-oxadiazol-5-il)ciclohexilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-(1,2,4-oxadiazol-5-il)ciclohexilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-(1,2,4-oxadiazol-5-il)ciclohexilamino)-8-(2-cloro-4-ciano-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(4-(1,2,4-oxadiazol-5-il)ciclohexilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1R,3R)-3-hidroxiciclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1R,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((1S,3S)-3-hidroxiciclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-bromo-2,6-diclorofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-bromo-2,6-diclorofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(ciclopentilamino)-8-(2,3-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,3-dicloro-4-cianofenilamino)-2-((S)-1-hidroxiopropan-2-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-dicloro-4-cianofenilamino)-2-(4,4-difluorociclohexilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,3-dicloro-4-cianofenilamino)-2-(tetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-3,3-difluorociclopentilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-(metilsulfonil)piperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1-(metilsulfonil)piperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-1-(metilsulfonil)piperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-1-(metilsulfonil)piperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((R)-1-(metilsulfonil)piperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-triclorofenilamino)-9H-purin-2-ilamino)-N-metilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-2-ilamino)-N-metilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-2-ilamino)-N-metilpiperidina-1-carboxamida;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-metil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4-ciano-6-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-1-metil-4-(2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(2-(3-(metilsulfonil)ciclobutilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-(3-(metilsulfonil)ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-(3-(metilsulfonil)ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-etilpiperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-1-etilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1-etilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-(3-(metilsulfonil)ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1s,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-(3-(metilsulfonil)ciclobutilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-(trifluorometil)fenilamino)-2-((R)-1-etilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-isopropilpiperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-1-isopropilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-1-isopropilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1-isopropilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-fenilpiperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-fenilpiperidin-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((R)-1-fenilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(4-ciano-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4R)-3-metiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-3,3-dimetiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((3S,4S)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-3,3-dimetiltetrahidro-2H-piran-4-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-triclorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(4-ciano-2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-trifluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(R)-isopropil 3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4-ciano-6-fluorofenilamino)-9H-purin-2-ilamino)piperidina-1-carboxilato;

(1S,4s)-4-(2-((R)-1-bencilpiperidin-3-ilamino)-8-(2-cloro-4-ciano-6-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-triclorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4,6-trifluorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(4-cloro-2,6-difluorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,4-dicloro-6-fluorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2-cloro-4-ciano-6-fluorofenilamino)-9H-purin-2-ilamino)-N-fenilpiperidina-1-carboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-3,3-dimetiltetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4,6-difluorofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-tosilpiperidin-3-ilamino)-8-(2,4,6-triclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-tosilpiperidin-3-ilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(4-cloro-2,6-difluorofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(8-(2-cloro-4-ciano-6-fluorofenilamino)-2-((R)-1-tosilpiperidin-3-ilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(R)-3-(9-((1s,4S)-4-carbamoilciclohexil)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-2-ilamino)-N-metilpiperidina-1-carboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2-cloro-4,6-difluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2,6-dicloro-4-(trifluorometil)fenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2,6-dicloro-4-fluorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

(1S,4s)-4-(2-((R)-1-acetilpiperidin-3-ilamino)-8-(2,6-diclorofenilamino)-9H-purin-9-il)ciclohexanocarboxamida;

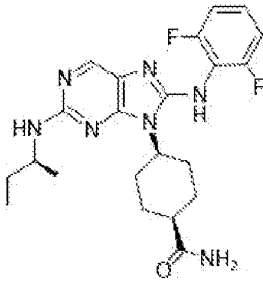
(1S,4s)-4-(8-(4-ciano-2,6-difluorofenilamino)-2-((3S,4R)-3-fluorotetrahidro-2H-piran-4-ilamino)-9H-purin-9-il)ciclohexanocarboxamida; or

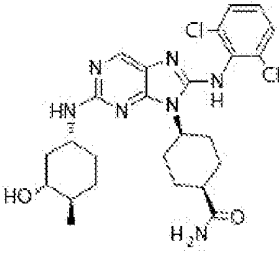
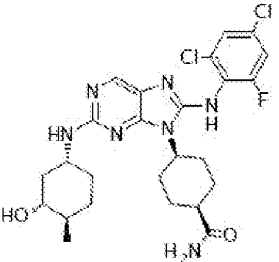
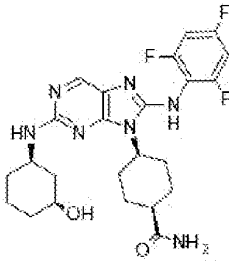
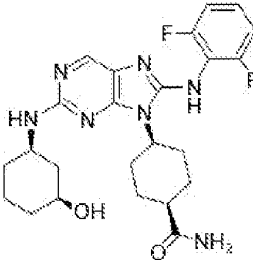
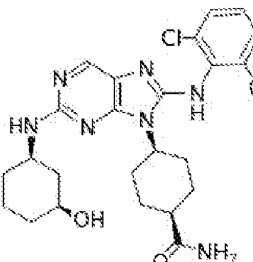
(1R,4s)-4-(2-(((3R,4S)-3-fluorotetrahidro-2H-piran-4-il)amino)-8-((2,4,6-triclorofenil)amino)-9H-purin-9-il)-1-metilciclohexano-1-carboxamida, o una sal, tautómero, estereoisómero o enantiómero farmacéuticamente aceptable de este.

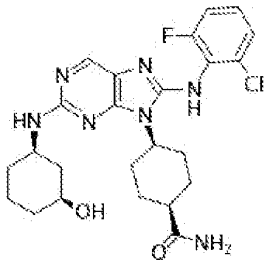
22. Una composición farmacéutica caracterizada porque comprende una cantidad efectiva de un compuesto de la reivindicación 1 y un portador, excipiente o vehículo farmacéuticamente aceptable.
23. Un método *in vitro* para inhibir una quinasa en una célula que expresa dicha quinasa, caracterizado porque comprende poner en contacto dicha célula con una cantidad efectiva de un compuesto de la reivindicación 1.
24. Un método *ex vivo* para inhibir una quinasa en una célula que expresa dicha quinasa, caracterizado porque comprende poner en contacto dicha célula con una cantidad efectiva de un compuesto de la reivindicación 1.
25. Una composición farmacéutica caracterizada porque comprende una cantidad efectiva de un compuesto de la reivindicación 21 y un portador, excipiente o vehículo farmacéuticamente aceptable.

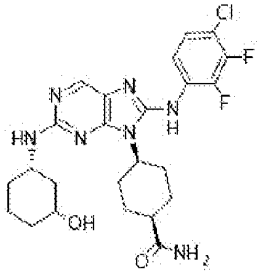
26. Un método *in vitro* para inhibir una quinasa en una célula que expresa dicha quinasa, caracterizado porque comprende poner en contacto dicha célula con una cantidad efectiva de un compuesto de la reivindicación 21.
27. Un método *ex vivo* para inhibir una quinasa en una célula que expresa dicha quinasa, caracterizado porque comprende poner en contacto dicha célula con una cantidad efectiva de un compuesto de la reivindicación 21.
28. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-il amino)-9H-purin-9-il)ciclohexanocarboxamida.
29. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((S)-1-hidroxiopropan-2-il amino)-9H-purin-9-il)-1-metilciclohexanocarboxamida.
30. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1R,4s)-4-(8-(2,6-dicloro-4-cianofenilamino)-2-((S)-1-hidroxiopropan-2-il amino)-9H-purin-9-il)ciclohexanocarboxamida.
31. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il) ciclohexanocarboxamida.
32. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1s,4s)-4-(2-(ciclobutilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida.
33. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1s,4s)-4-(2-(3,3-difluorociclobutilamino)-8-(2,4,6-trifluorofenilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida.
34. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1s,4s)-4-(2-(ciclopentilamino)-8-(2,6-dicloro-4-cianofenilamino)-9H-purin-9-il)ciclohexanocarboxamida.
35. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1S,4s)-4-(8-(2,6-dicloro-4-fluorofenilamino)-2-((R)-3,3-difluorociclopentil amino)-9H-purin-9-il)ciclohexanocarboxamida.
36. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1R,4s)-4-(2-(((3R,4S)-3-fluorotetrahidro-2H-piran-4-il)amino)-8-((2,4,6-triclorofenil)amino)-9H-purin-9-il)-1-metilciclohexano-1-carboxamida.
37. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1R,4s)-4-(8-(2,4-dicloro-6-fluorofenilamino)-2-((1S,3R)-3-hidroxiciclohexilamino)-9H-purin-9-il)-1-metilciclohexanocarboxamida.
38. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1S,4s)-4-(2-(((3S,4R)-3-fluorotetrahidro-2H-piran-4-il)amino)-8-((2,4,6-triclorofenil)amino)-9H-purin-9-il)-1-metilciclohexano-1-carboxamida.

39. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1S,4s)-4-(8-((4-cloro-2,6-difluorofenil)amino)-2-(((3S,4R)-3-metiltetrahidro-2H-piran-4-il)amino)-9H-purin-9-il)ciclohexano-1-carboxamida.
40. El compuesto de la reivindicación 21, caracterizado porque el compuesto es (1s,4s)-4-(8-((4-cloro-2,6-difluorofenil)amino)-2-((tetrahidro-2H-piran-4-il)amino)-9H-purin-9-il)ciclohexano-1-carboxamida.

335		(1R,4s)-4-(2-(sec-butylamin)-8-(2,6-difluorofenilamin)-9H-purin-9-yl)ciclohexancarboxamida	444.2	A
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345		(1s,4s)-4-(8-(2,6-diclorofenilamin)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamin)-9H-purin-9-il)ciclohexancarboxamida	533.2	A
No. de Comp. No.	Estructura	Nombre	MH+	Actividad
346		(1s,4s)-4-(8-(2,4-dicloro-6-fluorofenilamin)-2-((1R,3R,4R)-3-hidroxi-4-metilciclohexilamin)-9H-purin-9-il)ciclohexancarboxamida	550.2	C
347		(1S,4s)-4-(2-((1R,3S)-3-hidroxiciclohexilamin)-8-(2,4,6-trifluorofenilamin)-9H-purin-9-il)ciclohexancarboxamida	504.2	A
348		(1s,4s)-4-(8-(2,6-difluorofenilamin)-2-((1R,3S)-3-hidroxiciclohexilamin)-9H-purin-9-il)ciclohexancarboxamida	486.2	A
349		(1s,4s)-4-(8-(2,6-diclorofenilamin)-2-((1R,3S)-3-hidroxiciclohexilamin)-9H-purin-9-il)ciclohexancarboxamida	518.1	A

350		(1s,4s)-4-(8-(2-cloro-6-fluorofenilamin)-2-((1R,3S)-3-hidroxiciclohexilamin)-9H-purin-9-il)ciclohexancarboxamida	502.2	B
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375		(1R,4s)-4-(8-(4-cloro-2,3-difluorofenilamin)-2-((1S,3R)-3-hidroxiciclohexilamin)-9H-purin-9-il)ciclohexancarboxamida	520.2	A
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Señor
DIRECTOR DIVISIÓN DE NUEVAS CREACIONES
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
E. S. D.

REF: Expediente No. **NC2017/0003838**, solicitud de patente de invención a favor de **SIGNAL PHARMACEUTICALS LLC**. Título: **“COMPUESTOS DE AMINOPURINA SUSTITUIDA Y COMPOSICIONES DE LOS MISMOS”**.

RESPUESTA A EXAMEN DE FONDO

JUAN PABLO CADENA SARMIENTO, portador de la tarjeta profesional No. 57.492 del C.S.J., obrando como apoderado de la sociedad solicitante me permito dar respuesta al Oficio No. 2915 relacionado con la patentabilidad de la presente invención y notificado el 22 de mayo de 2019.

1. Excepción de Patentabilidad

Respecto a la objeción realizada sobre las anteriores reivindicaciones 41 y 45, es importante señalar que estas fueron eliminadas del pliego reivindicatorio, de forma tal que ninguna reivindicación aquí presentada se refiere a un posible método de tratamiento. Por lo anterior, de manera respetuosa solicito que se retire la correspondiente objeción.

2. Título

Teniendo en cuenta las observaciones realizadas por el examinador, me permito señalar que el título de la presente solicitud ha sido modificado a **“COMPUESTOS DERIVADOS DE 4-(9H-PURIN-9-IL)CICLOHEXANOCARBOXAMIDA Y SUS COMPOSICIONES, QUE SON ACTIVOS CONTRA MELANOMA”**, de manera que este permite distinguir de manera clara el objeto que busca ser protegido mediante esta solicitud. En vista de esta modificación, de manera respetuosa solicitamos que se retire la correspondiente objeción sobre el título de la presente solicitud.

3. Reivindicaciones

Inicialmente, considero pertinente señalar que el pliego reivindicatorio ha sido modificado, de manera que las reivindicaciones aquí presentadas son completamente claras y concisas, es decir, cumplen con todos los requisitos expuestos en el Artículo 30 de la Decisión 486/2000.

En particular, la reivindicación 1 ha sido modificada, de manera que se restringe la definición de los sustituyentes así:

- el sustituyente “R1 es heterociclilo no aromático sustituido o no sustituido”;

- el sustituyente "R3 es fenilo sustituido con uno, dos o tres halógenos, opcional y adicionalmente sustituido con uno, dos o tres sustituyentes (...)".

Adicionalmente, en la modificación realizada en la reivindicación 1 se aclara el alcance de los términos alquilo, cicloalquilo, heterociclilo, arilo, heteroarilo, aralquilo y heterociclilo al indicar que el grupo alquilo es tiene de uno a tres carbonos (C₁₋₃) y que las posibles sustituciones son como máximo de tres sustituyentes; específicamente, la expresión "un sustituyente" se reemplazó por "uno, dos o tres sustituyentes".

Con base en estas modificaciones, es evidente que la reivindicación 1 incluye una limitación apropiada del tamaño de la cadena de carbono, del tamaño de los anillos y del tipo y cantidad de heteroátomos que pueden hacer parte de los sustituyentes definidos para R1, R2 y R3; en este sentido, los términos "*cicloalquilo*", "*cicloalquilalquilo*", "*heterociclilo*", "*alquilo*", "*alcoxi*", "*alcoxialquilo*", "*alquilamino*", "*alcoxiamina*", "*heteroarilo monocíclico*", "*ariloxi*", "*aralquiloxi*", "*heterociclioxi*" y "*heterociclilacoxi*" son completamente claros y concisos.

Asimismo, es importante mencionar que la tabla 1 de la descripción de la presente solicitud proporciona los datos biológicos de 802 compuestos que fueron obtenidos de acuerdo con los métodos enseñados en los ensayos de células ejemplares en los párrafos [00360] – [00364], en este sentido, los 802 compuestos y sus datos biológicos en la tabla 1 son suficientes para soportar la actividad terapéutica de los compuestos de fórmula (I) de la reivindicación 1 tal como aquí se presenta.

Por lo anterior, como puede notar el examinador, la solicitud fue restringida a una razonable generalización del tipo de compuestos sintetizados y probados por los inventores y, en consecuencia, las reivindicaciones reclaman de forma clara y concisa los compuestos que se encuentran debidamente sustentados.

Además, considero pertinente señalar que las anteriores reivindicaciones 2 – 19 fueron canceladas del pliego reivindicatorio, de manera que las objeciones sobre estas se consideran superadas.

Ahora bien, respecto a la objeción por el uso de las expresiones "sustituido o no sustituido" y "se sustituye con uno o más sustituyentes" en las anteriores reivindicaciones 21 y 32 (ahora nuevas reivindicaciones 3 y 14), me permito señalar que la expresión "sustituido o no sustituido" fue eliminada en la nueva reivindicación 3, de manera que se indica de manera clara el correspondiente sustituyente. No obstante, dicha expresión se mantiene en la nueva reivindicación 14, esto teniendo en cuenta que la reivindicación 1 define claramente los posibles sustituyentes para "alquilo de C₁₋₃" y, en consecuencia, dicha expresión es completamente clara en el contexto de la presente invención.

Por otra parte, respecto a la expresión “se sustituye con uno o más sustituyentes”, me permito reiterar que esta fue modificada por la expresión “uno, dos o tres sustituyentes”, de manera que se define claramente el alcance de las posibles sustituciones en cada caso. Así pues, los términos “arilo” y “heteroarilo” en la nueva reivindicación 3 se encuentran limitados de manera apropiada en cuanto al tamaño de la cadena de carbono, del tamaño de los anillos y del tipo y cantidad de heteroátomos.

Finalmente, me permito señalar que las anteriores reivindicaciones 28, 29 y 31 (ahora nuevas reivindicaciones 10, 11 y 13) fueron modificadas tal como sugirió el examinador, de manera que es claro que el sustituyente R3 en cada caso corresponde a fenilo orto, orto-dihalógeno sustituido; fenilo orto, para-dihalógeno sustituido; fenilo orto-halógeno, para-CN sustituido, respectivamente.

Teniendo en cuenta las modificaciones aquí presentadas, de manera respetuosa solicitamos que se retire la objeción de claridad y concisión sobre el pliego reivindicatorio, puesto que, es evidente que este cumple a cabalidad con los requerimientos del artículo 30 de la Decisión 486/2000.

4. Descripción

De acuerdo con la sugerencia del examinador, adjunta se presenta la correspondiente corrección a las páginas 308, 311, 312 y 321 en las que se muestra de manera clara y completa la estructura de los compuestos 335, 345, 350 y 375. Por lo anterior, de manera respetuosa solicito que se retire la correspondiente objeción.

En vista de lo anteriormente expuesto, respetuosamente solicito el retiro de las objeciones de la presente solicitud y la concesión del privilegio solicitado, ya que en opinión del solicitante cumple con todos los requisitos establecidos en la Decisión 486.

Anexos

- Nuevo pliego reivindicatorio.
- Corrección a la descripción páginas 308, 311, 312 y 321.

Atentamente,

JUAN PABLO CADENA SARMIENTO

T.P. No. 57.492 del C.S.J.

C.C. 80.410.337 de Usaquén

Calle 70 A No. 4 – 41