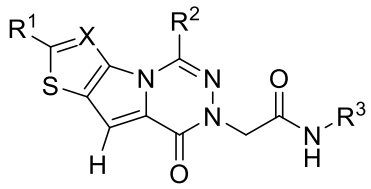
CLAIMS

1. A compound of Formula (I):



(I);

or a pharmaceutically acceptable salt thereof wherein:

R^1 is H, halo, or methyl;

R^2 is ethyl substituted with -OH, C_1-C_4alkoxy, or with one or more halo groups; or

R^2 is C_3-C_6alkyl optionally substituted with OH, halo or C_{1-4}alkoxy; or

R^2 is C_3-C_6cycloalkyl;

R^3 is C_2-C_8alkyl optionally substituted with 1 to 3 substituents independently selected from -NH_2, -NH(C_1-C_4alkyl), -NHC(O)O(C_1-C_4alkyl), -NHC(O)(C_1-C_4alkyl), -OH, C_1-C_4alkoxy, haloC_1-C_4alkoxy, halo and C_3-C_5cycloalkyl which is further optionally substituted with OH or halo; or

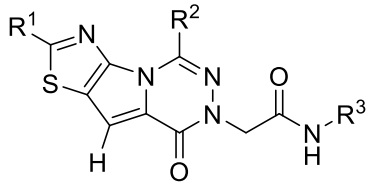
R^3 is C_3-C_{10}cycloalkyl or C_3-C_5cycloalkyl-CH_2, each of which is optionally substituted with 1 to 3 substituents independently selected from -OH, C_1-C_4alkyl, C_3-C_6cycloalkyl, halo, -OC(O)(C_1-C_4alkyl), haloC_1-C_4alkyl, -C(O)O(C_1-C_4alkyl), hydroxyC_1-C_4alkyl, C_1-C_4alkoxy, haloC_1-C_4alkoxy, -NH_2, -NH(C_1-C_4alkyl), -CO_2H; or

R^3 is mono or bicyclic aryl, or a mono or bicyclic heteroaryl, each of which is optionally substituted with 1 to 3 substituents independently selected from -OH, C_1-C_4alkyl, C_3-C_6cycloalkyl, halo, -OC(O)(C_1-C_4alkyl), haloC_1-C_4alkyl, -C(O)O(C_1-C_4alkyl), hydroxyC_1-C_4alkyl, C_1-C_4alkoxy, haloC_1-C_4alkoxy, -NH_2, -SO_2NH_2, -SO_2NH(C_1-C_4alkyl), -NHSO_2(C_1-C_4alkyl), -NH(C_1-C_4alkyl), -C(O)NH_2, C(O)C_1-C_4alkyl, -CO_2H; or

R^3 is a mono or bicyclic heterocyclyl optionally substituted with 1 to 3 substituents independently selected from –OH, oxo, C_3-C_6cycloalkyl, halo, -C(O)O-C_1-C_4alkyl, -C(O)C_1-C_4alkyl, and C_1-C_4alkyl which is further optionally substituted with 1 to 4 substituents independently selected from C_3-C_6cycloalkyl, halo, C_1-C_4alkoxy, haloC_1-C_4alkoxy and OH;

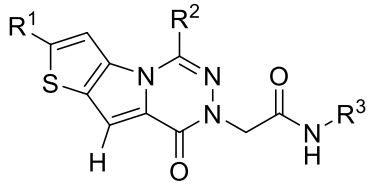
X is N or CH.

2. The compound according the claim 1, or a pharmaceutically acceptable salt thereof, having Formula (II):


(II),

wherein R^1 is methyl, or H.

3. The compound according the claim 1, or a pharmaceutically acceptable salt thereof, having Formula (III):


(III),

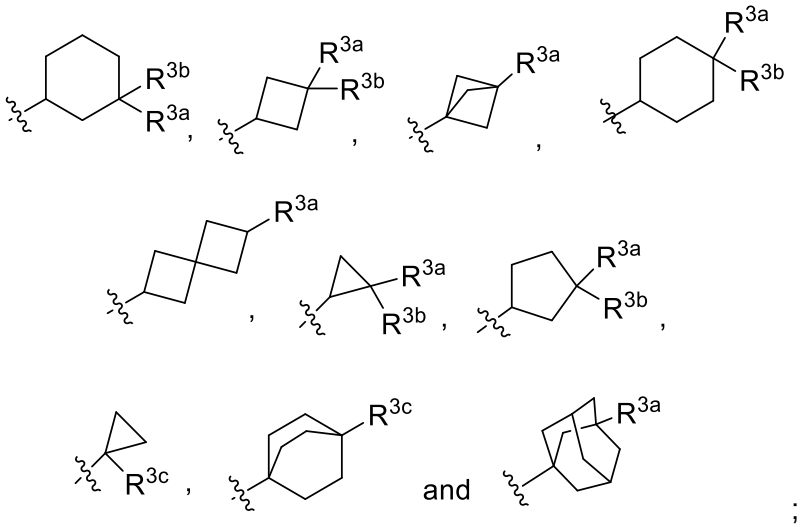
wherein R^1 is methyl, or halo.

4. The compound according to claim 1, 2 or 3, or a pharmaceutically acceptable salt thereof, wherein R^3 is C_2-C_8alkyl optionally substituted with 1 to 3 substituents independently selected from NH_2, NH(C_1-C_4alkyl), NHC(O)O(C_1-C_4alkyl), NHC(O)(C_1-C_4alkyl), OH, C_1-C_4alkoxy, haloC_1-C_4alkoxy, halo and C_3-C_5cycloalkyl which is optionally further substituted with OH or halo.

5. The compound according to any one of claims 4, or a pharmaceutically acceptable salt thereof, wherein R^3 is C_2-C_8alkyl optionally substituted with 1 to 2 substituents independently selected from OH, NH_2, NHC(O)(C_1-C_4alkyl), halo and C_3-C_5cycloalkyl which is optionally further substituted with OH or halo.

6. The compound according to claim 1, 2 or 3, or a pharmaceutically acceptable salt thereof, wherein R^3 is C_3-C_{10}cycloalkyl or C_3-C_5cycloalkyl-CH_2 optionally substituted with 1 to 3 substituents independently selected from -OH, C_1-C_4alkyl, C_3-C_6cycloalkyl, halo, -OC(O)(C_1-C_4alkyl), haloC_1-C_4alkyl, -C(O)O(C_1-C_4alkyl), hydroxyC_1-C_4alkyl, C_1-C_4alkoxy, haloC_1-C_4alkoxy, -NH_2, -NH(C_1-C_4alkyl) and CO_2H.

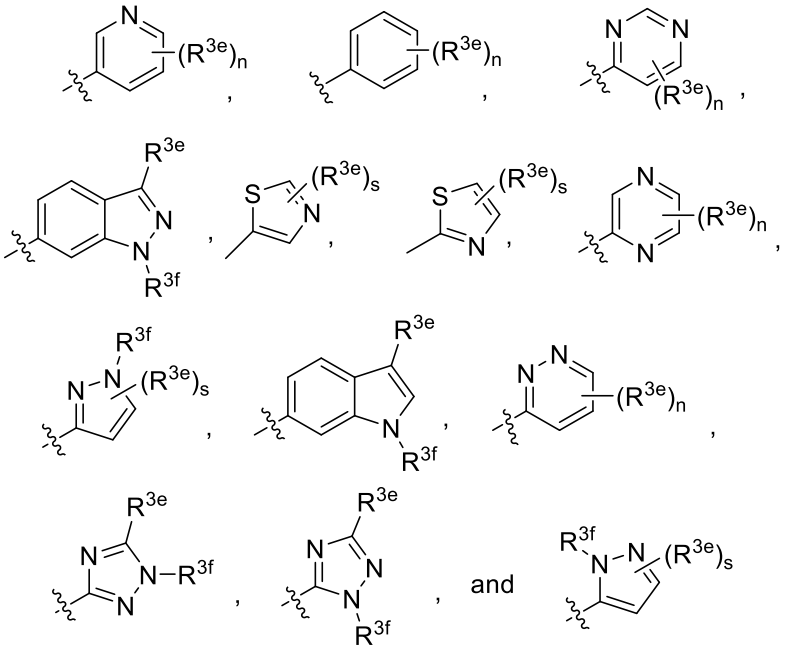
7. The compound according to claim 6, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from the following:



wherein R^{3a}, R^{3b} and R^{3c} are independently selected from H, -OH, C_1-C_4alkyl, C_3-C_6cycloalkyl, halo, -OC(O)(C_1-C_4alkyl), haloC_1-C_4alkyl, -C(O)O(C_1-C_4alkyl), hydroxyC_1-C_4alkyl, C_1-C_4alkoxy, haloC_1-C_4alkoxy, -NH_2, -NH(C_1-C_4alkyl) and CO_2H.

8. The compound according the claim 1, 2 or 3, or a pharmaceutically acceptable salt thereof, wherein R^3 is mono or bicyclic aryl, a mono or bicyclic heteroaryl, each of which is optionally substituted with 1 to 3 substituents independently selected from -OH, C_1-C_4alkyl, C_3-C_6cycloalkyl, halo, -OC(O)(C_1-C_4alkyl), haloC_1-C_4alkyl, -C(O)O(C_1-C_4alkyl), hydroxyC_1-C_4alkyl, C_1-C_4alkoxy, haloC_1-C_4alkoxy, -NH_2, -SO_2NH_2, -SO_2NH(C_1-C_4alkyl), -NHSO_2(C_1-C_4alkyl), -NH(C_1-C_4alkyl), -C(O)NH_2, C(O)C_1-C_4alkyl and -CO_2H.

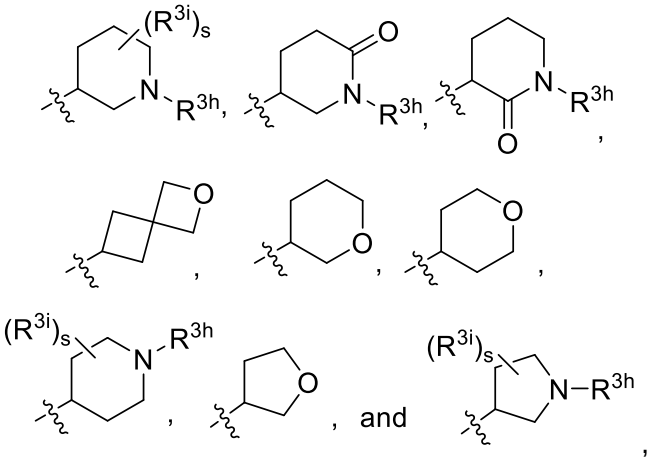
9. The compound according to claim 8, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from the following:



wherein R^{3e} is independently selected from H, -OH, C_1-C_4alkyl, C_3-C_6cycloalkyl, halo, -OC(O)(C_1-C_4alkyl), haloC_1-C_4alkyl, -C(O)O(C_1-C_4alkyl), hydroxyC_1-C_4alkyl, C_1-C_4alkoxy, haloC_1-C_4alkoxy, -NH_2, -SO_2NH_2, -SO_2NH(C_1-C_4alkyl), -NHSO_2(C_1-C_4alkyl), -NH(C_1-C_4alkyl), -C(O)NH_2, C(O)C_1-C_4alkyl, and -CO_2H; R^{3f} is H or C_1-C_4alkyl; n is 1, 2 or 3; and s is 1 or 2.

10. The compound according the claim 1, 2 or 3, or a pharmaceutically acceptable salt thereof, wherein R^3 is a mono or bicyclic heterocyclyl optionally substituted with 1 to 3 substituents independently selected from –OH, oxo, C_3-C_6cycloalkyl, halo, -C(O)O-C_1-C_4alkyl, -C(O)C_1-C_4alkyl, and C_1-C_4alkyl which is further optionally substituted with 1 to 4 substituents independently selected from C_3-C_6cycloalkyl, halo, C_1-C_4alkoxy, haloC_1-C_4alkoxy and OH.

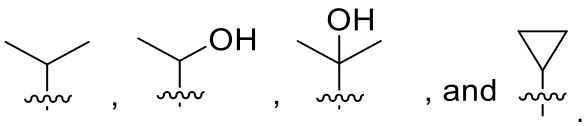
11. The compound according to claim 10, or a pharmaceutically acceptable salt thereof, wherein R^3 is selected from the following:



wherein R^{3h} is selected from H, C_3-C_6cycloalkyl, -C(O)O-C_1-C_4alkyl, -C(O)C_1-C_4alkyl, and C_1-C_4alkyl which is further optionally substituted with 1 to 4 substituents independently selected from C_3-C_6cycloalkyl, halo, C_1-C_4alkoxy, haloC_1-C_4alkoxy and OH, and wherein R^{3i} is H, halo, OH or alkyl, and wherein s is 1 or 2.

12. The compound according to any one of claims 1 to 11 wherein R^1 is chloro, or a pharmaceutically acceptable salt thereof.

13. The compound according to any one of claims 1 to 12, or a pharmaceutically acceptable salt thereof, wherein R^2 is selected from:



14. The compound according to claim 1, or pharmaceutically acceptable salt thereof, wherein the compound is selected from:

2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrimidin-4-yl)acetamide;

2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyridin-3-yl)acetamide;

2-(2-Chloro-5-(1-hydroxyethyl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrimidin-4-yl)acetamide;

2-(5-Cyclopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyridin-3-yl)acetamide;

2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyridin-3-yl)acetamide;

2-(2-Fluoro-5-isopropyl-8-oxothieno [2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrimidin -4-yl)acetamide;

2-(5-Isopropyl-2-methyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyridin-3-yl)acetamide;

2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyridin-3-yl)acetamide;

2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrimidin-4-yl)acetamide;

(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide;

2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(thiazol-2-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(thiazol-5-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-chloropyridin-3-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-fluoropyridin-3-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(5-fluoropyrimidin-4-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(5-chloropyrimidin-4-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
(S)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-oxopiperidin-3-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3-hydroxy-2,2-dimethylpropyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,3R)-3-hydroxycyclohexyl)acetamide;
N-((1R,3R)-3-Aminocyclopentyl)-2-(2-chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1r,3r)-3-hydroxy-1-methylcyclo butyl) acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-oxaspiro[3.3]heptan-6-yl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3,3-dimethylcyclobutyl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-oxaspiro[3.3]heptan-6-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,3R)-3-hydroxy-3-methylcyclohexyl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(2-fluoroethyl)piperidin-3-yl)acetamide;

(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methyl-6-oxopiperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(2-fluoroethyl)piperidin-3-yl)acetamide;
(R)-2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide hydrochloride;
(R)-2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
(R)-2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-oxopiperidin-3-yl)acetamide;
(R)-2-(5-Cyclopropyl-2-fluoro-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide;
(R)-2-(5-Cyclopropyl-2-fluoro-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-cyclopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide hydrochloride;
(R)-2-(2-Chloro-5-cyclopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
(R)-2-(5-Isopropyl-2-methyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide;
(R)-2-(5-Isopropyl-2-methyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-oxopiperidin-3-yl)acetamide;
(R)-2-(5-Isopropyl-2-methyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
N-Cyclopropyl-2-(5-isopropyl-2-methyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
2-(2-Chloro-5-(1-hydroxyethyl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyridin-3-yl)acetamide;
2-(2-Chloro-5-(1-hydroxyethyl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((R)-piperidin-3-yl)acetamide hydrochloride;
2-(2-Chloro-5-(1-hydroxyethyl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((R)-1-methylpiperidin-3-yl)acetamide;
2-(2-Chloro-5-(1-hydroxyethyl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,3R)-3-hydroxy-3-methylcyclohexyl)acetamide;
(R)-2-(5-Isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-oxopiperidin-3-yl)acetamide;

N-((1R,3R)-3-Hydroxycyclohexyl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
(R)-2-(5-Isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
(R)-2-(5-Isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methyl-6-oxopiperidin-3-yl)acetamide;
(R)-2-(5-Isopropyl-2-methyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide;
N-Cyclopropyl-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,2S)-2-fluorocyclopropyl)acetamide;
(1r,4r)-4-(2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
(1s,4s)-4-(2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
(1R,3S)-3-(2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
tert-Butyl ((1R,3S)-3-(2-(2-chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexyl)carbamate;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methyl-1H-pyrazol-5-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2,4-difluorophenyl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(tetrahydro-2H-pyran-3-yl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5] pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1r,3r)-3-hydroxy-3-methylcyclobutyl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-cyclopropylacetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1s,3s)-3-hydroxy-3-methyl cyclobutyl) acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,3R)-3-hydroxy cyclohexyl)acetamide;

2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1H-indazol-6-yl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3-methyl-1H-indazol-6-yl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1H-indol-6-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-hydroxyethyl) acetamide;
(S)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-hydroxy propyl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-hydroxypropyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1r,3r)-3-hydroxy-3-methylcyclobutyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1s,3s)-3-hydroxy-3-methylcyclobutyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-hydroxyspiro[3.3]heptan-2-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1s,3s)-3-hydroxy-3-(trifluoromethyl)cyclobutyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(tetrahydro-2H-pyran-4-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(4-hydroxybicyclo[2.2.2]octan-1-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3-hydroxy-3-methyl butyl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(2-(trifluoromethoxy) ethyl)piperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5] pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide;
(2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3-hydroxy-3-methylbutyl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,3S)-3-hydroxycyclohexyl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(2,2,2-trifluoroethyl)piperidin-3-yl)acetamide;

2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1R,3R)-3-hydroxy-3-methyl cyclohexyl)acetamide;
2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3-hydroxy-3-methyl butyl)acetamide;
(R)-2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-hydroxy propyl)acetamide;
2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1r,3r)-3-hydroxy-3-methylcyclobutyl)acetamide;
2-(2-Fluoro-5-isopropyl-8-oxothieno [2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1s,3s)-3-hydroxy-3-methyl cyclobutyl)acetamide;
(R)-2-(5-Isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(piperidin-3-yl)acetamide;
(R)-N-(1-(2-Fluoroethyl)piperidin-3-yl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
N-((1R,3R)-3-Hydroxy-3-methylcyclohexyl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
N-((1R,3S)-3-Hydroxycyclohexyl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
(R)-2-(5-Isopropyl-2-methyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpiperidin-3-yl)acetamide;
N-((1s,3s)-3-Hydroxy-3-methylcyclobutyl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
N-(3-Hydroxy-3-methylbutyl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
(R)-N-(2-Hydroxypropyl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
N-Cyclopropyl-2-(5-isopropyl-2-methyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
(R)-2-(5-Isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methyl-6-oxopiperidin-3-yl)acetamide;
N-Cyclopentyl-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
(S)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(tetrahydrofuran-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(tetrahydrofuran-3-yl)acetamide;

2-(2-Chloro-5-Isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-cyclopentylacetamide;
(S)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrrolidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrrolidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpyrrolidin-3-yl)acetamide;
(S)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-methylpyrrolidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrrolidin-3-yl)acetamide;
(S)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(pyrrolidin-3-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1r,3r)-3-hydroxycyclobutyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1s,3s)-3-hydroxycyclobutyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(2-(1-hydroxycyclopropyl)ethyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(hydroxymethyl)cyclopropyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(6-(difluoromethyl)pyrimidin-4-yl)acetamide;
Methyl 3-(2-(2-chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)bicyclo[1.1.1]pentane-1-carboxylate;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((1S,3R,5S)-3-hydroxyadamantan-1-yl)acetamide;
N-(3-Aminobicyclo[1.1.1]pentan-1-yl)-2-(2-chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(3-(methylsulfonamido)phenyl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1,3,4-thiadiazol-2-yl)acetamide;
(1r,4r)-4-(2-(5-Isopropyl-2-methyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;

(1r,4r)-4-(2-(5-Isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
(1r,4r)-4-(2-(2-Fluoro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
(1r,4r)-4-(2-(2-Chloro-5-cyclopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
(1r,4r)-4-(2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)cyclohexane-1-carboxylic acid;
3-(2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamido)bicyclo[1.1.1]pentane-1-carboxylic acid;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-cyclopropylpiperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-cyclobutylpiperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-cyclopropylpiperidin-3-yl)acetamide;
(R)-N-(1-Cyclopropylpiperidin-3-yl)-2-(5-isopropyl-8-oxothiazolo[5',4':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((R)-1-((R)-2-hydroxypropyl)piperidin-3-yl)acetamide;
2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-((R)-1-((S)-2-hydroxypropyl)piperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(2-hydroxy-2-methylpropyl)piperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-((1-hydroxycyclo butyl)methyl)piperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-(2-hydroxypropan-2-yl)-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-ethylpiperidin-3-yl)acetamide;
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(2-hydroxyethyl)piperidin-3-yl)acetamide; and
(R)-2-(2-Chloro-5-isopropyl-8-oxothieno[2',3':4,5]pyrrolo[1,2-d][1,2,4]triazin-7(8H)-yl)-N-(1-(cyclopropylmethyl)piperidin-3-yl)acetamide.

15. A pharmaceutical composition comprising a therapeutically effective amount of a compound according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, and one or more pharmaceutically acceptable carriers.

16. A combination comprising a therapeutically effective amount of a compound according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, and one or more therapeutic agents.

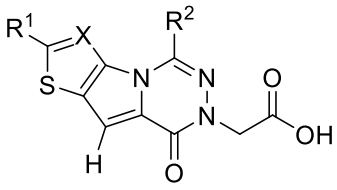
17. The combination according to claim 16, wherein one or more therapeutic agents are independently selected from farnesoid X receptor (FXR) agonists; anti-steatotics; anti-fibrotics; JAK inhibitors; checkpoint inhibitors; chemotherapy, radiation therapy and surgical procedures; urate-lowering therapies; anabolics and cartilage regenerative therapy; blockade of IL-17; complement inhibitors; Bruton's tyrosine Kinase inhibitors (BTK inhibitors); Toll Like receptor inhibitors (TLR7/8 inhibitors); CAR-T therapy; anti-hypertensive agents; cholesterol lowering agents; leukotriene A4 hydrolase (LTAH4) inhibitors; SGLT2 inhibitors; β2-agonists; anti-inflammatory agents; nonsteroidal anti-inflammatory drugs ("NSAIDs"); acetylsalicylic acid drugs (ASA); regenerative therapy treatments; cystic fibrosis treatments; and atherosclerotic treatment.

18. The compound according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, or the combination according to any one of claims 16 to 17, for use as a medicament.

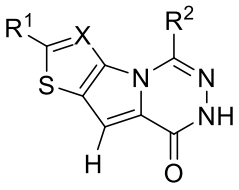
19. Use of a compound according to any one of claims 1 to 14, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment of a disease or disorder in which the NLRP3 signaling contributes to the pathology, and/or symptoms, and/or progression, of said disease or disorder.wherein the disease or disorder is selected from the group consisting of inflammasome-related diseases / disorders, immune diseases, inflammatory diseases, auto-immune diseases, or auto-inflammatory diseases, for example, autoinflammatory fever syndromes (*e.g* cryopyrin-associated periodic syndrome), liver related diseases / disorders (*e.g*. chronic liver disease, viral hepatitis, non-alcoholic steatohepatitis (NASH), alcoholic steatohepatitis, and alcoholic liver disease), inflammatory arthritis related disorders (*e.g*. gout, pseudogout (chondrocalcinosis), osteoarthritis, rheumatoid arthritis, arthropathy *e.g* acute, chronic), kidney related diseases (*e.g*. hyperoxaluria, lupus nephritis, Type I / Type II diabetes and related complications (*e.g*. nephropathy, retinopathy), hypertensive nephropathy, hemodialysis related inflammation), neuroinflammation-related diseases (*e.g*. multiple sclerosis, brain infection, acute injury, neurodegenerative diseases, Alzheimer's disease), cardiovascular / metabolic diseases / disorders (*e.g.* cardiovascular risk reduction (CvRR), hypertension, atherosclerosis, type I and type II diabetes and related complications, peripheral artery disease (PAD), acute heart failure), inflammatory skin diseases (*e.g*. hidradenitis suppurativa, acne), wound healing and

scar formation, asthma, sarcoidosis, age-related macular degeneration, and cancer related diseases / disorders (*e.g.* colon cancer, lung cancer, myeloproliferative neoplasms, leukemias, myelodysplastic syndromes (MDS), myelofibrosis).

20. A compound selected from the group consisting of:



(M5), and



(M3)

wherein X, R^1 and R^2 are as defined in claim 1.