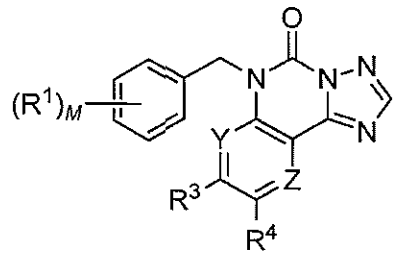
CLAIMS

What is claimed is:

1. A chemical entity of Formula I:



(I)

wherein:

Y and Z are each independently -CH- or -N-, with the proviso that at least one Y or Z member is -N-;

M is 0-5;

R^1 is each independently selected from H, halo, -CN, -C_{1-6}alkyl, -C_{1-6}alkynyl -C_{1-6}haloalkyl, -C_{1-6}thioalkyl, -C_{1-6}thiohaloalkyl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -SO_2C_{1-6}alkyl, aryl, pyrazole, and 2-oxopyrrolidine; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, -C_{1-6}alkyl, -C_{1-6}alkoxy, and -C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, -CN, -OH, -C_{1-6}alkyl, -C_{1-6}haloalkyl, -C_{1-6}alkenyl, -CH_2O-aryl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -$C(O)CH_3$, -CH(OH)(CF_3), -$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl, heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of-CH_3 and -OCH_3;

R^{10} and R^{11} are each independently selected from the group consisting of: -H, -F, -C_{1-6}alkyl, -CF_3, and -OH;

R^{12} and R^{13} are each independently selected from the group consisting of -H, -C_{1-6}alkyl, -CO_2-benzyl, -C_{1-6}alkyl(aryl), -C_{1-6}alkyl(heterocycloalkyl), optionally unsubstituted or substituted aryl, -C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl;

or R^{12} and R^{13} are taken together with the nitrogen to which they are attached form an optionally substituted heterocycloalkyl; and

wherein the chemical entity is selected from the group consisting of compounds of Formula (I), pharmaceutically acceptable salts of compounds of Formula (I), pharmaceutically acceptable prodrugs of compounds of Formula (I); and pharmaceutically active metabolites of compounds of Formula (I).

2. A chemical entity as in claim 1, wherein Y is -N-.

3. A chemical entity as in claim 1, wherein Z is -N-.

4. A chemical entity as in claim 1, wherein Y and Z are -N-.

5. A chemical entity as in claim 1, wherein *M* is 1.

6. A chemical entity as in claim 1, wherein *M* is 2.

7. A chemical entity as in claim 1, wherein *M* is 3.

8. A chemical entity as in claim 1, wherein *M* is 4.

9. A chemical entity as in claim 1, wherein *M* is 5.

10. A chemical entity as in claim 1, wherein *M* is 1, 2, 3, 4, or 5, and R^1 is each independently H, -Br, -Cl, -F, -I, -CN, -C_{1-6}alkyl, -C_{1-6}alkynyl, -SCH_3, -OCF_3, -OCF_2H, -C_{1-6}alkoxy, -SCF_3, -SO_2CH_3, 2-oxopyrrolidine, and pyrazole.

11. A chemical entity as in claim 1, wherein two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a fused 5-member ring selected from 1-methyl-1*H*-pyrazole or dioxolane.

12. A chemical entity as in claim 1, wherein *M* is 1, 2, 3 or 4, and R^1 is each independently -Cl, -F or -C_{1-6}alkoxy.

13. A chemical entity as in claim 2, wherein R^3 is selected from -H, $-CH(OCH_3)_2$, $-CH_2O$-phenyl, or $-(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$, where R^{10} and R^{11} are each H, R^{12} is H or $-C_{1-6}$alkyl, R^{13} is selected from phenyl, benzyl, (3-methyloxetan-3-yl)methyl, (tetrahydrofuran-3-yl)methyl or cyclopropyl(methyl).

14. A chemical entity as in claim 1, wherein R^4 is H or $-CH_3$ and R^3 is $-(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$.

15. A chemical entity as in claim 1, wherein R^3 is $-(CR^{10}R^{11})NR^{12}R^{13}$, R^{10} and R^{11} are each independently H, -OH, or $-CH_3$, and R^{12} and R^{13} are taken together with the nitrogen to which they are attached to form a heterocycloalkyl ring selected from morpholine, (2S,6R)-2,6-dimethylmorpholine, 4-(methylsulfonyl)piperazin-1-yl or isoindolin-2-yl.

16. A chemical entity as in claim 1, wherein R^3 is $-(CR^{10}R^{11})_{1-2}NR^{12}R^{13}$, R^{10} and R^{11} are each independently H, -OH, or $-CH_3$, and R^{12} and R^{13} are taken together with the nitrogen to which they are attached to form a heterocycloalkyl ring selected from morpholine, 2,6-dimethylmorpholine, (2S,6R)-2,6-dimethylmorpholine, (2R,6S)-2,6-dimethylmorpholine or 4-(methylsulfonyl)piperazine.

17. A chemical entity as in claim 1, wherein R^3 is H or $-CH_3$ and R^4 is $-(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$.

18. A chemical entity as in claim 1, wherein R^3 is -H, $-CH_3$, R^4 is H, -Br, $-C_{1-6}$alkyl, $-C_{1-6}$alkenyl, $-C(O)CH_3$, $-CH(OH)CF_3$, $-CH_2OCH_2OCH_3$, optionally substituted phenyl, optionally substituted pyridyl, and $-(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$, R^{10} and R^{11} are each independently H, $-CH_3$, or -OH, and R^{12} and R^{13} are each independently -H, $-C_{1-6}$alkyl, $-CO_2$-benzyl, $-CH(CH_3)$phenyl, optionally substituted cycloalkyl, and optionally substituted heterocycloalkyl.

19. A chemical entity as in claim 1, wherein R^3 is -H, $-CH_3$, R^4 is $-(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$, R^{10} and R^{11} are each independently -H, -F, $-CH_3$, $-CF_3$, or -OH, and R^{12} and R^{13} are taken together with the nitrogen to which they are attached to form a heterocycloalkyl ring selected from (2R,5R)-2,5-dimethylmorpholine, (2R,6S)-2,6-dimethylmorpholine, (2S,5S)-2,5-dimethylmorpholine, (2S,6R)-2,6-dimethylmorpholine, (3S,5R)- 2-methoxyethyl)piperazine, (4-((tetrahydrofuran-3-yl)methyl)piperazine), 1,4-oxazepane, 1-methyl-8-oxa-1,2-diazaspiro[4.5]decane, 2,2-dimethylmorpholine, 2,5-dimethylmorpholine, 2-ethylmorpholine, 2-methylmorpholine, 2-oxa-5-azabicyclo[2.2.1]heptane, 3-(dimethylamino)pyrrolidine, 3,3-dimethylmorpholine, 3,5-dimethylpiperazine, 3-hydroxyazetidine, 3-methyl-6-oxopyridazin-

1(6H)-yl, 3-methylmorpholine, 4-(2,2,2-trifluoroacetyl)piperazine, 4-(methylsulfonyl)piperazine, 4-(propan-2-yl)piperazine, 4-(tetrahydrofuran-3-carbonyl)piperazine, 4-acetyl-1,4-diazepane, 4-cyclopropylpiperazine, 4-methoxypiperidine, 4-methyl-1,4-diazepane, 4-methyl-piperazine, 8-oxa-3-azabicyclo[3.2.1]octane, isoindoline, morpholine, N,N-dimethylpiperazine-1-sulfonamide, piperazine, piperidine, tetrahydro-1H-oxazolo[3,4-a]pyrazin-3(5H)-one, and thiomorpholine.

20. A chemical entity as in claim 1, wherein R^4 is morpholinomethyl, (3-methylmorpholino)methyl, (2,6-dimethylmorpholino)methyl, ((2S,6R)-2,6-dimethylmorpholino)methyl, ((2R,6S)-2,6-dimethylmorpholin-4-yl)methyl, (4-(methylsulfonyl)piperazin-1-yl)methyl, 1-hydroxy-2-morpholinoethyl or 2-((2S,6R)-2,6-dimethylmorpholino)-1-hydroxyethyl, and R^3 is H or $-CH_3$.

21. A chemical entity selected from the group consisting of:

9-Bromo-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-Bromo-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Dimethoxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Bromo-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-(3,4-Dimethoxyphenyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(6-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(3-methyl-6-oxopyridazin-1(6H)-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-Cyclopropylpiperazin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((1S,2S)-2-Aminocyclohexyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(1-methylpiperidin-4-yl)amino)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((2-(Dimethylamino)ethyl)(methyl)amino)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(2-methoxyethyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(3-(Dimethylamino)pyrrolidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-(Dimethylamino)piperidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(tetrahydro-2H-pyran-4-yl)amino)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2S,6R)-2,6-Dimethylmorpholino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((3-(Dimethylamino)propyl)(methyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(methylsulfonyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

Benzyl (2-(6-(4-methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)ethyl)carbamate;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(thiomorpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Aminoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((tetrahydro-2H-pyran-4-yl)amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((1-phenylethyl)amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-vinylpyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methoxymethoxy)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Ethoxyvinyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(Hydroxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Oxa-5-azabicyclo[2.2.1]heptan-5-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Dimethylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-

e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((3,3-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,2-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2-Ethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2,2,6,6-tetrafluoromorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((1-methyl-8-oxa-1,2-diazaspiro[4.5]decan-2-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methyl-1,4-diazepan-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-

c]pyrimidin-5(6H)-one;

9-((4-Acetyl-1,4-diazepan-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Cyclohexyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methyl(tetrahydro-2H-pyran-4-yl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(2-methoxyethyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Isopropyl(2-methoxyethyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-methylpiperazin-1-yl)methyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(piperidin-1-ylmethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(thiomorpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(((2-methoxyethyl)(methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

7-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-

yl)methyl)tetrahydro-1H-oxazolo[3,4-a]pyrazin-3(5H)-one;

9-(((2S,5S)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,5R)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperazin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((3S,5R)-3,5-Dimethylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-((tetrahydrofuran-3-yl)methyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-c][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)-N,N-dimethylpiperazine-1-sulfonamide;

6-(4-Methoxybenzyl)-9-((4-(2,2,2-trifluoroacetyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(tetrahydrofuran-3-carbonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((((3-methyloxetan-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((methyl((tetrahydrofuran-3-yl)methyl)amino)methyl)pyrido[3,2-

e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Cyclopropyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Benzylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((phenylamino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Isoindolin-2-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Acetyl-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-((2S,6R)-2,6-Dimethylmorpholino)ethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Hydroxy-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-hydroxyethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Fluoro-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-fluoroethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-hydroxyethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-morpholinoethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethoxy)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-bromo-4-Fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

6-(4-(tert-Butyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

3-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylsulfonyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Bromo-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,6-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-((1-methyl-1H-indazol-6-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(1H-Pyrazol-1-yl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)-2-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-((trifluoromethyl)thio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dichlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-c][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(2-oxopyrrolidin-1-yl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylthio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-(methylsulfonyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(phenoxymethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((4-isopropylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-isopropylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-3,5-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethynylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxy-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4,5-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-2,4-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trimethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dichloro-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2,6-difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3,5-dimethylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2,3,4-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-(trifluoromethoxy)benzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Dimethoxybenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-ethoxy-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-2,3-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-Benzyl-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(Benzo[d][1,3]dioxol-5-ylmethyl)-9-((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((4-Acetylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

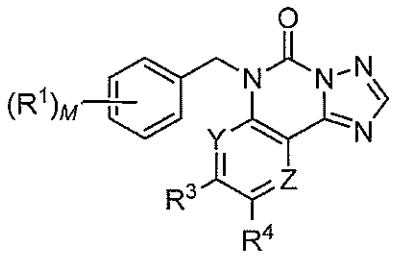
9-((1,4-Oxazepan-4-yl)methyl)-6-(2,3-difluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-hydroxyazetidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

and pharmaceutically acceptable salts thereof; and pharmaceutically acceptable prodrugs thereof.

22. A pharmaceutical composition comprising an effective amount of a chemical entity of Formula (I):



(I)

wherein:

Y and Z are each independently -CH- or -N-, with the proviso that at least one Y or Z member is -N-;

M is 0-5;

R^1 is each independently selected from H, halo, -CN, -C_{1-6}alkyl, -C_{1-6}alkynyl -C_{1-6}haloalkyl, -C_{1-6}thioalkyl, -C_{1-6}thiohaloalkyl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -SO_2C_{1-6}alkyl, aryl, pyrazole, and 2-oxopyrrolidine; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, -C_{1-6}alkyl, -C_{1-6}alkoxy, and -C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, -CN, -OH, -C_{1-6}alkyl, -C_{1-6}haloalkyl, -C_{1-6}alkenyl, -CH_2O-aryl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -$C(O)CH_3$, -$CH(OH)(CF_3)$, -$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl,

heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of $-CH_3$ and $-OCH_3$;

R^{10} and R^{11} are each independently selected from the group consisting of: -H, -F, $-C_{1-6}$alkyl, $-CF_3$, and -OH;

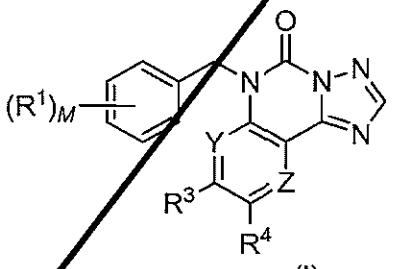
R^{12} and R^{13} are each independently selected from the group consisting of -H, $-C_{1-6}$alkyl, $-CO_2$-benzyl, $-C_{1-6}$alkyl(aryl), $-C_{1-6}$alkyl(heterocycloalkyl), optionally unsubstituted or substituted aryl, $-C_{3-6}$cycloalkyl, heteroaryl, and heterocycloalkyl;

or R^{12} and R^{13} are taken together with the nitrogen to which they are attached form an optionally substituted heterocycloalkyl; and

wherein the chemical entity is selected from the group consisting of compounds of Formula (I), pharmaceutically acceptable salts of compounds of Formula (I), pharmaceutically acceptable prodrugs of compounds of Formula (I), and pharmaceutically acceptable metabolites of compounds of Formula (I).

23. A pharmaceutical composition comprising an effective amount of at least one chemical entity of claim 1 or claim 21.

24. A method of treating a disease, disorder, or medical condition mediated by PDE1 enzymatic activity, comprising administering to a subject in need of such treatment an effective amount of a chemical entity of Formula (I):



(I)

wherein:

Y and Z are each independently -CH- or -N-, with the proviso that at least one Y or Z member is -N-;

M is 0-5;

R^1 is each independently selected from H, halo, -CN, -C_{1-6}alkyl, -C_{1-6}alkynyl -C_{1-6}haloalkyl, -C_{1-6}thioalkyl, -C_{1-6}thiohaloalkyl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -SO_2C_{1-6}alkyl, aryl, pyrazole, and 2-oxopyrrolidine; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, -C_{1-6}alkyl, -C_{1-6}alkoxy, and -C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, -CN, -OH, -C_{1-6}alkyl, -C_{1-6}haloalkyl, -C_{1-6}alkenyl, -CH_2O-aryl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -$C(O)CH_3$, -$CH(OH)(CF_3)$, -$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl, heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of -CH_3 and -OCH_3;

R^{10} and R^{11} are each independently selected from the group consisting of: -H, -F, -C_{1-6}alkyl, -CF_3, and -OH;

R^{12} and R^{13} are each independently selected from the group consisting of -H, -C_{1-6}alkyl, -CO_2-benzyl, -C_{1-6}alkyl(aryl), -C_{1-6}alkyl(heterocycloalkyl), optionally unsubstituted or substituted aryl, -C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl;

or R^{12} and R^{13} are taken together with the nitrogen to which they are attached form an optionally substituted heterocycloalkyl; and

wherein the chemical entity is selected from the group consisting of compounds of Formula (I), pharmaceutically acceptable salts of compounds of Formula (I), pharmaceutically acceptable prodrugs of compounds of Formula (I), and pharmaceutically acceptable metabolites of compounds of Formula (I).

25. The method of Claim 24, wherein Y is N and Z is CH.

26. A method of treating a disease, disorder, or medical condition mediated by a PDE1 enzyme, comprising administering to an animal in need of such treatment an effective amount of a chemical entity of claim 1 or claim 21.

27. The use of a chemical entity or composition of any one of claims 1-23 in a method of treating a disease or disorder selected from the group comprising neurological disorders, cognitive disorders, cardiovascular disorders, renal disorders, hematological disorders, gastrointestinal and liver disorders, cancer disorders, and neurodegenerative disorders, said method comprising administering an effective amount of the chemical entity of composition to a patient in need thereof.

28. The use of a chemical entity or composition of any one of claims 1-23 in a method of treating a CNS disorder, comprising administration of an effective amount of the chemical entity or composition to a patient in need thereof.

29. The use of claim 28, wherein the CNS disorder is selected from one or more of the group comprising dementias and neurodegenerative disorders, cognitive disorders, psychiatric disorders, developmental and genetic conditions, age-associated memory impairments, and learning disabilities.

30. The use of claim 28, wherein the CNS disorder is selected from one or more of the group comprising Huntington's disease, Parkinson's disease, Alzheimer's disease, schizophrenia, mild-cognitive impairment, and ADHD.

31. The use of claim 28, wherein the CNS disorder is a cognitive disorder associated with a progressive nervous system disease.

32. The use of claim 31, wherein the progressive nervous system disease is multiple sclerosis.

33. The use of a chemical entity or composition of any of claims 1-23 in a method of treating a cognitive impairment, comprising:

(a) providing cognitive training to an animal in need of treatment of a cognitive impairment under conditions sufficient to produce an improvement in performance by said animal of a cognitive function whose deficit is associated with said cognitive impairment;

(b) administering a chemical entity or composition of any of claims 1-23 to said animal in conjunction with said cognitive training;

(c) repeating said providing and administering steps one or more times; and

(d) reducing the number of training sessions sufficient to produce the improvement in performance, relative to the improvement in performance produced by cognitive training alone.

34. The use of a chemical entity or composition of any of claims 1-23 in a method of treating a vascular disorder, comprising administering an effective amount of the chemical entity or composition to a patient in need thereof.

35. The use of claim 34, wherein the vascular disorder is selected from one or more of the group comprising atherosclerosis, post-angioplasty restenosis, allograft vasculopathy, and pulmonary hypertension.

36. The use of claim 35, wherein the vascular disorder is heart failure or congestive heart failure.

37. The use of claim 35, wherein the vascular disorder is caused by myocardial infarction, ischemic heart disease, hypertension, valvular heart disease, or cardiomyopathy.

38. The use of a chemical entity or composition of any of claims 1-23 in a method of treating a renal disorder, said method comprising administering an effective amount of the chemical entity or composition to a patient in need thereof.

39. The use of claim 38, wherein the renal disorder is selected from one or more of the group comprising renal artery stenosis, pyelonephritis, glomerulonephritis, kidney tumors, polycystic kidney disease, injury to the kidney, and damage resulting from radiation of the kidney.

40. The use of a chemical entity or composition of any of claims 1-23 in a method of treating, an injury or disease that results in neuronal degeneration, said method comprising administering an effective amount of the chemical entity or composition to a patient in need thereof.

41. The use of claim 40, wherein the injury is a primary nervous system injury selected from the group comprising closed head injuries, blunt trauma, penetrating trauma, hemorrhagic stroke, ischemic stroke, glaucoma, cerebral ischemia, and neuronal damage caused by surgical procedures.

42. The use of claim 41, wherein the injury is secondary degeneration resulting from a primary nervous system injury.

43. The use of a chemical entity or composition of any of claims 1-23 in a method of promoting neurogenesis, comprising administering an effective amount of the chemical entity or composition to an animal

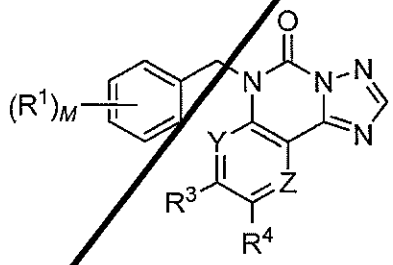
44. The use of a chemical entity or composition of any of claims 1-23 in a method of treating a disorder that includes an aberrant or dysregulated signaling pathway mediated by PDE1.

45. The use of claim 44, wherein the signaling pathway mediated by PDE1 involves nitric oxide, natriuretic peptides, dopamine, noradrenalin, neurotensin, cholecystokinin (CCK), vasoactive intestinal peptide, serotonin, glutamate, GABA, acetylcholine, adenosine, cannabinoids, natriuretic peptides, or endorphins.

46. The use of claim 44, wherein the disorder is characterized by alterations in dopamine signaling.

47. The use of a chemical entity or composition of any of claims 1-23 in a method of treating substance or drug abuse, or a fetal alcohol spectrum disorder.

48. A method for modulating PDE1 enzyme activity, comprising exposing a PDE1 enzyme to an effective amount of at least one chemical entity selected from compounds of Formula (I)



(I)

wherein:

Y and Z are each independently -CH- or -N-, with the proviso that at least one Y or Z member is -N-;

M is 0-5;

R^1 is each independently selected from H, halo, -CN, -C_{1-6}alkyl, -C_{1-6}alkynyl -C_{1-6}haloalkyl, -C_{1-6}thioalkyl, -C_{1-6}thiohaloalkyl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -SO_2C_{1-6}alkyl, aryl, pyrazole, and 2-oxopyrrolidine; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, -C_{1-6}alkyl, -C_{1-6}alkoxy, and -C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, -CN, -OH, -C_{1-6}alkyl, -C_{1-6}haloalkyl, -C_{1-6}alkenyl, -CH_2O-aryl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -C(O)CH_3, -CH(OH)(CF_3), -$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl, heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of -CH_3 and -OCH_3;

R^{10} and R^{11} are each independently selected from the group consisting of: -H, -F, -C_{1-6}alkyl, -CF_3, and -OH;

R^{12} and R^{13} are each independently selected from the group consisting of -H, -C_{1-6}alkyl, -CO_2-benzyl, -C_{1-6}alkyl(aryl), -C_{1-6}alkyl(heterocycloalkyl), optionally unsubstituted or substituted aryl, -C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl;

or R^{12} and R^{13} are taken together with the nitrogen to which they are attached form an optionally substituted heterocycloalkyl;

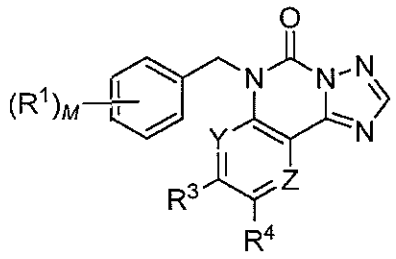
and pharmaceutically acceptable salts of compounds of Formula (I), pharmaceutically acceptable prodrugs of compounds of Formula (I), and pharmaceutically acceptable metabolites of compounds of Formula (I).

49. The method of Claim 28, wherein Y is N and Z is CH.

50. A method for modulating PDE1 enzyme activity, comprising exposing a PDE1 enzyme to an effective amount of a chemical entity of claim 1 or claim 21.

51. The method of claim 30, wherein said one or more PDE1 enzymes are in a human subject.

52. A compound, or pharmaceutically acceptable salt thereof, of Formula I:



(I)

wherein:

Y and Z are each independently -CH- or -N-, with the proviso that at least one Y or Z member is -N-;

M is 0-5;

R^1 is each independently selected from H, halo, -CN, -C_{1-6}alkyl, -C_{1-6}alkynyl -C_{1-6}haloalkyl, -C_{1-6}thioalkyl, -C_{1-6}thiohaloalkyl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -SO_2C_{1-6}alkyl, aryl, pyrazole, and 2-oxopyrrolidine; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, -C_{1-6}alkyl, -C_{1-6}alkoxy, and -C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, -CN, -OH, -C_{1-6}alkyl, -C_{1-6}haloalkyl, -C_{1-6}alkenyl, -CH_2O-aryl, -C_{1-6}alkoxy, -C_{1-6}haloalkoxy, -$C(O)CH_3$, -$CH(OH)(CF_3)$, -$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl, heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of-CH_3 and -OCH_3;

R^{10} and R^{11} are each independently selected from the group consisting of: -H, -F, -C_{1-6}alkyl, -CF_3, and -OH;

R^{12} and R^{13} are each independently selected from the group consisting of -H, -C_{1-6}alkyl, -CO_2-benzyl, -C_{1-6}alkyl(aryl), -C_{1-6}alkyl(heterocycloalkyl), optionally unsubstituted or substituted aryl, -C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl;

or R^{12} and R^{13} are taken together with the nitrogen to which they are attached form an optionally substituted heterocycloalkyl.

53. A compound, or pharmaceutically acceptable salt thereof, selected from the group consisting of:

9-Bromo-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-Bromo-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Dimethoxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Bromo-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-(3,4-Dimethoxyphenyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(6-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(3-methyl-6-oxopyridazin-1(6H)-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-Cyclopropylpiperazin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((1S,2S)-2-Aminocyclohexyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(1-methylpiperidin-4-yl)amino)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((2-(Dimethylamino)ethyl)(methyl)amino)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(2-methoxyethyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(3-(Dimethylamino)pyrrolidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-(Dimethylamino)piperidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(tetrahydro-2H-pyran-4-yl)amino)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2S,6R)-2,6-Dimethylmorpholino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((3-(Dimethylamino)propyl)(methyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(methylsulfonyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

Benzyl (2-(6-(4-methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)ethyl)carbamate;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(thiomorpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Aminoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((tetrahydro-2H-pyran-4-yl)amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((1-phenylethyl)amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-

c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-vinylpyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methoxymethoxy)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Ethoxyvinyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(Hydroxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Oxa-5-azabicyclo[2.2.1]heptan-5-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Dimethylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((3,3-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,2-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2-Ethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2,2,6,6-tetrafluoromorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((1-methyl-8-oxa-1,2-diazaspiro[4.5]decan-2-yl)methyl)pyrido[3,2-

e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methyl-1,4-diazepan-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((4-Acetyl-1,4-diazepan-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Cyclohexyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methyl(tetrahydro-2H-pyran-4-yl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(2-methoxyethyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Isopropyl(2-methoxyethyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-methylpiperazin-1-yl)methyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(piperidin-1-ylmethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(thiomorpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(((2-methoxyethyl)(methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

7-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)tetrahydro-1H-oxazolo[3,4-a]pyrazin-3(5H)-one;

9-(((2S,5S)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,5R)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperazin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((3S,5R)-3,5-Dimethylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-((tetrahydrofuran-3-yl)methyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)-N,N-dimethylpiperazine-1-sulfonamide;

6-(4-Methoxybenzyl)-9-((4-(2,2,2-trifluoroacetyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(tetrahydrofuran-3-carbonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-

e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((((3-methyloxetan-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((methyl((tetrahydrofuran-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Cyclopropyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Benzylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((phenylamino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Isoindolin-2-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Acetyl-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-((2S,6R)-2,6-Dimethylmorpholino)ethyl)-6-(4-methoxybenzyl)pyrido[3,2-c][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Hydroxy-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-hydroxyethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Fluoro-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-fluoroethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-hydroxyethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-morpholinoethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-

c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethoxy)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-bromo-4-Fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

6-(4-(tert-Butyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

3-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylsulfonyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Bromo-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,6-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-((1-methyl-1H-indazol-6-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(1H-Pyrazol-1-yl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)-2-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-((trifluoromethyl)thio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dichlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(2-oxopyrrolidin-1-yl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxybenzyl)pyrido[3,2-

e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylthio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one; and

6-(2-Chloro-4-(methylsulfonyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one.

54. A compound, or pharmaceutically acceptable salt thereof, selected from the group consisting of:

6-(4-Methoxybenzyl)-8-(phenoxymethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((4-isopropylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-isopropylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-3,5-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethynylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxy-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4,5-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-2,4-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trimethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dichloro-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2,6-difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3,5-dimethylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2,3,4-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-(trifluoromethoxy)benzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Dimethoxybenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-ethoxy-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-2,3-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-Benzyl-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(Benzo[d][1,3]dioxol-5-ylmethyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((4-Acetylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(2,3-difluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

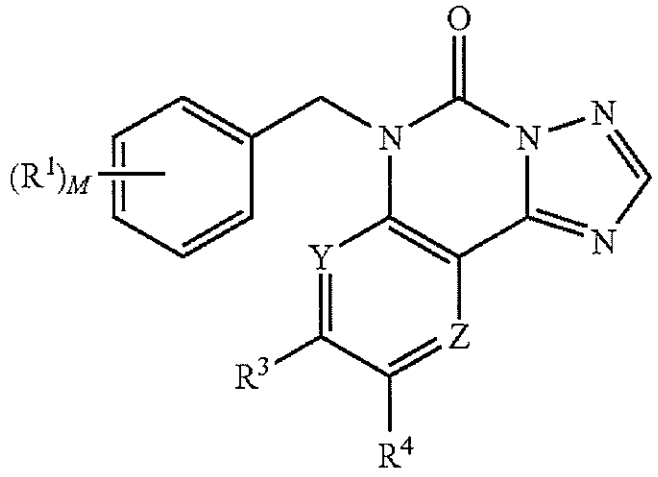
6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-c][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one; and

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-hydroxyazetidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one.

CLAIMS

1. A chemical entity of Formula

(I)



wherein:

Y and Z are each independently —CH— or —N—, with the proviso that at least one Y or Z member is —N—;

M is 0, 1, 2, 3, 4, or 5;

R^1 is each independently selected from H, halo, —CN, —C_{1-6}alkyl, —C_{2-6}alkynyl, —C_{1-6}haloalkyl, —C_{1-6} thioalkyl, —C_{1-6}thiohaloalkyl, —C_{1-6}alkoxy, —C_{1-6} haloalkoxy, —SO_2C_{1-6}alkyl, aryl, pyrazolyl and 2-oxopyrrolidinyl; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, —C_{1-6} alkyl, —C_{1-6}alkoxy, and —C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, —CN, —OH, —C_{1-6}alkyl, —C_{1-6}haloalkyl, —C_{2-6}alkenyl, —CH_2O-aryl, —C_{1-6} alkoxy, —C_{1-6}haloalkoxy, —$C(O)CH_3$, —CH(OH)(CF_3), —$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl, and

heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of —CH_3 and —OCH_3;

R^{10} and R^{11} are each independently selected from the group consisting of: —H, —F, —C_{1-6}alkyl, —CF_3, and —OH;

R^{12} and R^{13} are each independently selected from the group consisting of —H, —C_{1-6}alkyl, —$C(O)_2CH_2Ph$, —C_{1-6}alkyl(aryl), C_{1-6}alkyl(heterocycloalkyl), aryl, —C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl, said aryl, —C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl are each independently optionally substituted with one or more substituents independently selected from the group consisting of cycloalkyl, aryl, heteroaryl, heterocycloalkyl, —CN, —OH, —NO_2, —SO_2NH_2, —$CONH_2$, —CO_2H, —COH, amino, —(C_{1-6} alkyl) amino, di(C_{1-6}alkyl)amino, —N_3, cyanate, isocyanate, thiocyanate, isothiocyanate, aryloxy, and arylthio;

or R^{12} and R^{13} are taken together with the nitrogen to which they are attached form a heterocycloalkyl optionally substituted with one or more substituents independently selected from the group consisting of cycloalkyl, aryl, heteroaryl, heterocycloalkyl, —CN, —OH, —NO_2, —SO_2NH_2, —CO_2H, —COH, amino, —(C_{1-6} alkyl) amino, di(C_{1-6}alkyl)amino, —N_3, cyanate, isocyanate, thiocyanate, isothiocyanate, aryloxy, and arylthio; and

wherein the chemical entity is selected from the group consisting of compounds of Formula (I), and pharmaceutically acceptable salts of compounds of Formula (I).

2. The chemical entity as in claim **1**, wherein Y is —N—.

3. The chemical entity as in claim **2**, wherein R^3 is selected from —H, —$CH(OCH_3)_2$, —CH_2O-phenyl, or —($CR^{10}R^{11}$)$_{1-3}NR^{12}R^{13}$, where R^{10} and R^{11} are each independently

H, R^{12} is H or —C_{1-6}alkyl, and R^{13} is selected from phenyl, benzyl, (3-methyloxetan-3-yl)methyl, or (tetrahydrofuran-3-yl)methyl.

4. The chemical entity as in claim **1**, wherein Z is —N—.

5. The chemical entity as in claim **1**, wherein Y and Z are each independently —N—.

6. The chemical entity as in claim **1**, wherein M is 1.

7. The chemical entity as in claim **1**, wherein M is 2.

8. The chemical entity as in claim **1**, wherein M is 3.

9. The chemical entity as in claim **1**, wherein M is 4.

10. The chemical entity as in claim **1**, wherein M is 5.

11. The chemical entity as in claim **1**, wherein M is 1, 2, 3, 4, or 5, and R^1 is each independently H, —Br, —Cl, —F, —I, —CN, —C_{1-6}alkyl, —C_{2-6}alkynyl, —SCH_3, —OCF_3, —OCF_2H, —C_{1-6}alkoxy, —SCF_3, —SO_2CH_3, 2-oxopyrrolidine, and pyrazole.

12. The chemical entity as in claim **1**, wherein two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a fused 5-membered ring selected from 1-methyl-1H-pyrazolyl or dioxolanyl.

13. The chemical entity as in claim **1**, wherein M is 1, 2, 3 or 4, and R^1 is each independently —Cl, —F or —C_{1-6}alkoxy.

14. The chemical entity as in claim **1**, wherein R^4 is H or —CH_3 and R^3 is —$(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$.

15. The chemical entity as in claim **1**, wherein R^3 is —$(CR^{10}R^{11})NR^{12}R^{13}$, R^{10} and R^{11} are each independently selected from H, —OH, and —CH_3, and R^{12} and R^{13} are taken together with the nitrogen to which they are attached to form a heterocycloalkyl ring selected from morpholinyl, (2S, 6R)-2,6-dimethylmorpholinyl, 4-(methylsulfonyl)piperazin-1-yl and isoindolin-2-yl.

16. The chemical entity as in claim **1**, wherein R^3 is —$(CR^{10}R^{11})_{1-2}NR^{12}R^{13}$, R^{10} and R^{11} are each indepen-

dently selected from H, —OH, or —CH_3, and R^{12} and R^{13} are taken together with the nitrogen to which they are attached to form a heterocycloalkyl ring selected from morpholinyl, 2,6-dimethylmorpholinyl, (2S,6R)-2,6-dimethylmorpholinyl, (2R,6S)-2,6-dimethylmorpholinyl and 4-(methylsulfonyl) piperazinyl.

17. The chemical entity as in claim **1**, wherein R^3 is H or —CH_3 and R^4 is —$(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$.

18. The chemical entity as in claim **1**, wherein R^3 is —H, or —CH_3, R^4 is H, —Br, —C_{1-6}alkyl, —C_{2-6}alkenyl, —C(O) CH_3, —$CH(OH)CF_3$, —$CH_2OCH_2OCH_3$, phenyl, pyridyl, and —$(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$, said phenyl and pyridyl each optionally substituted with one or more substituents independently selected from the group consisting of —CH_3 and —OCH_3, R^{10} and R^{11} are each independently selected from H, —CH_3, or —OH, and R^{12} and R^{13} are each independently —H, —C_{1-6}alkyl, —$C(O)_2CH_2Ph$, —$CH(CH_3)$phenyl, —C_{3-6}cycloalkyl, and heterocycloalkyl, said —C_{3-6}cycloalkyl and heterocycloalkyl each optionally substituted with one or more substitutents independently selected from the group consisting of cycloalkyl, aryl, heteroaryl, heterocycloalkyl, —CN, —OH, —NO_2, —SO_2NH_2, —$CONH_2$, —CO_2H, —COH, amino, —(C_{1-6} alkyl)amino, di(C_{1-6}alkyl) amino, —N_3, cyanate, isocyanate, thiocyanate, isothiocyanate, aryloxy, and arylthio.

19. The chemical entity as in claim **1**, wherein R^3 is —H, or —CH_3, R^4 is —$(CR^{10}R^{11})_{1-3}NR^{12}R^{13}$, R^{10} and R^{11} are each independently selected from —H, —F, —CH_3, —CF_3, and —OH, and R^{12} and R^{13} are taken together with the nitrogen to which they are attached to form a heterocycloalkyl ring

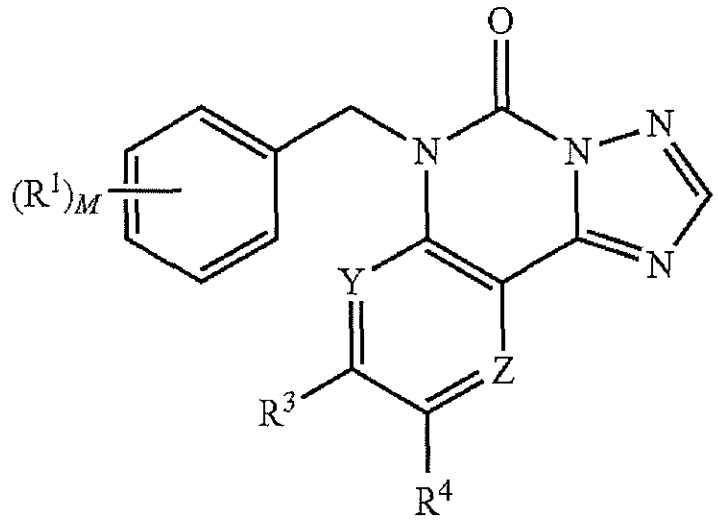
selected from (2R,5R)-2,5-dimethylmorpholinyl, (2R,6S)-2,6-dimethylmorpholinyl, (2S,5S)-2,5-dimethylmorpholinyl, (2S,6R)-2,6-dimethylmorpholinyl, (3S,5R)-(2-methoxyethyl)piperazinyl, (4-((tetrahydrofuran-3-yl)methyl)piperazinyl), 1,4-oxazepanyl, 1-methyl-8-oxa-1,2-diazaspiro[4.5]decanyl, 2,2-dimethylmorpholinyl, 2,5-dimethylmorpholinyl, 2-ethylmorpholinyl, 2-methylmorpholinyl, 2-oxa-5-azabicyclo[2.2.1]heptanyl, 3-(dimethylamino)pyrrolidinyl, 3,3-dimethylmorpholinyl, 3,5-dimethylpiperazinyl, 3-hydroxyazetidinyl, 3-methyl-6-oxopyridazin-1(6H)-yl, 3-methylmorpholinyl, 4-(2,2,2-trifluoroacetyl)piperazinyl, 4-(methylsulfonyl)piperazinyl, 4-(propan-2-yl)piperazinyl, 4-(tetrahydrofuran-3-carbonyl)piperazinyl, 4-acetyl-1,4-diazepanyl, 4-cyclopropylpiperazinyl, 4-methoxypiperidinyl, 4-methyl-1,4-diazepanyl, 4-methyl-piperazinyl, 8-oxa-3-azabicyclo[3.2.1]octanyl, isoindolinyl, morpholinyl, N,N-dimethylpiperazinyl-1-sulfonamide, piperazinyl, piperidinyl, tetrahydro-1H-oxazolo[3,4-a]pyrazin-3(5H)-on-7-yl, and thiomorpholinyl.

20. The chemical entity as in claim **1**, wherein R^4 is morpholinomethyl, (3-methylmorpholino)methyl, (2,6-dimethylmorpholino)methyl, ((2S,6R)-2,6-dimethylmorpholino)methyl, ((2R,6S)-2,6-dimethylmorpholin-4-yl)methyl, (4-(methylsulfonyl)piperazin-1-yl)methyl, 1-hydroxy-2-morpholinoethyl or 2-((2S,6R)-2,6-dimethylmorpholino)-1-hydroxyethyl, and R^3 is H or —CH_3.

21. A pharmaceutical composition comprising an effective amount of at least one chemical entity of claim **1**, and a pharmaceutically acceptable excipient.

22. A compound, or pharmaceutically acceptable salt thereof, of Formula (I):

(I)



wherein:

Y and Z are each independently —CH— or —N—, with the proviso that at least one Y or Z member is —N—;

M is 0, 1, 2, 3, 4, or 5;

R^1 is each independently selected from H, halo, —CN, —C_{1-6}alkyl, —C_{2-6}alkynyl, —C_{1-6}haloalkyl, —C_{1-6}thioalkyl, —C_{1-6}thiohaloalkyl, —C_{1-6}alkoxy, —C_{1-6}haloalkoxy, —SO_2C_{1-6}alkyl, aryl, pyrazolyl and 2-oxopyrrolidinyl; or

two R^1 members are on adjacent carbons and taken together with the carbons to which they are attached form a 5-6 member saturated or unsaturated monocylic ring system comprising one or more oxygen or nitrogen atoms, wherein the ring system is optionally substituted with one or more groups selected from halo, —C_{1-6} alkyl, —C_{1-6}alkoxy, and —C_1-C_6haloalkoxy;

R^3 and R^4 are each independently selected from the group consisting of H, halo, —CN, —OH, —C_{1-6}alkyl, —C_{1-6}haloalkyl, —C_{2-6}alkenyl, —CH_2O-aryl, —C_{1-6} alkoxy, —C_{1-6}haloalkoxy, —$C(O)CH_3$, —CH(OH)(CF_3), —$(CR^{10}R^{11})_{0-3}NR^{12}R^{13}$, aryl, heteroaryl, and

heterocycloalkyl, wherein each aryl, heteroaryl and heterocycloalkyl is optionally unsubstituted or substituted with a member each independently selected from the group consisting of —CH_3 and —OCH_3;

R^{10} and R^{11} are each independently selected from the group consisting of: —H, —F, —C_{1-6}alkyl, —CF_3, and —OH;

R^{12} and R^{13} are each independently selected from the group consisting of —H, —C_{1-6}alkyl, $C(O)_2CH_2Ph$, —C_{1-6}alkyl(aryl), —C_{1-6}alkyl(heterocycloalkyl), aryl, —C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl, said aryl, —C_{3-6}cycloalkyl, heteroaryl, and heterocycloalkyl are each independently optionally substituted with one or more substituents independently selected from the group consisting of cycloalkyl, aryl, heteroaryl, heterocycloalkyl, —CN, —OH, —NO_2, —SO_2NH_2, —$CONH_2$, —CO_2H, —COH, amino, —(C_{1-6} alkyl)amino, di(C_{1-6}alkyl)amino, —N_3, cyanate, isocyanate, thiocyanate, isothiocyanate, aryloxy, and arylthio;

or R^{12} and R^{13}, taken together with the nitrogen to which they are attached form a heterocycloalkyl optionally substituted with one or more substituents independently selected from the group consisting of cycloalkyl, aryl, heteroaryl, heterocycloalkyl, —CN, —OH, —NO_2, —SO_2NH_2, —$CONH_2$, —CO_2H, —COH, amino, —(C_{1-6} alkyl)amino, di(C_{1-6}alkyl)amino, —N_3, cyanate, isocyanate, thiocyanate, isothiocyanate, aryloxy, and arylthio.

23. A compound selected from the group consisting of:

9-Bromo-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-Bromo-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Dimethoxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Bromo-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-(3,4-Dimethoxyphenyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(6-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(3-methyl-6-oxopyridazin-1(6H)-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-Cyclopropylpiperazin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((1S,2S)-2-Aminocyclohexyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(1-methylpiperidin-4-yl)amino)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((2-(Dimethylamino)ethyl)(methyl)amino)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(2-methoxyethyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(3-(Dimethylamino)pyrrolidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-(Dimethylamino)piperidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(tetrahydro-2H-pyran-4-yl)amino)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2S,6R)-2,6-Dimethylmorpholino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-((3-(Dimethylamino)propyl)(methyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(methylsulfonyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

Benzyl (2-(6-(4-methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)ethyl) carbamate;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(thiomorpholinomethyl)pyrido [3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(morpholinomethyl)pyrido[3,2-e] [1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Aminoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((tetrahydro-2H-pyran-4-yl) amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2((1-phenylethyl)amino)ethyl) pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-vinylpyrido[3,2-e][1,2,4]triazolo [1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methoxymethoxy)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Ethoxyvinyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1, 2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(Hydroxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e] [1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Oxa-5-azabicyclo[2.2.1]heptan-5-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Dimethylamino)methyl)-6-(4-methoxybenzyl)pyrido [3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-(3,3-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-((2,2-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-((2-Ethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

6-(4-Methoxybenzyl)-9-((2,2,6,6-tetrafluoromorpholino) methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((1-methyl-8-oxa-1,2-diazaspiro [4.5]decan-2-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1, 5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl) pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((3-methylmorpholino)methyl) pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methyl-1,4-diazepan-1-yl) methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((4-Acetyl-1,4-diazepan-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-((Cyclohexyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

6-(4-Methoxybenzyl)-9-((methyl(tetrahydro-2H-pyran-4-yl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(2-methoxyethyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Isopropyl(2-methoxyethyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-methylpiperazin-1-yl)methyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(piperidin-1-ylmethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(thiomorpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(((2-methoxyethyl)(methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

7-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)tetrahydro-1H-oxazolo[3,4-a]pyrazin-3(5H)-one;

9-(((2S,5S)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,5R)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperazin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((3S,5R)-3,5-Dimethylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-((tetrahydrofuran-3-yl)methyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)-N,N-dimethylpiperazine-1-sulfonamide;

6-(4-Methoxybenzyl)-9-((4-(2,2,2-trifluoroacetyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(tetrahydrofuran-3-carbonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((((3-methyloxetan-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((methyl((tetrahydrofuran-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Cyclopropyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Benzylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((phenylamino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Isoindolin-2-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Acetyl-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-((2S,6R)-2,6-Dimethylmorpholino)ethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Hydroxy-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-hydroxyethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Fluoro-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-fluoroethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-hydroxyethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-morpholinoethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethoxy)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-bromo-4-Fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

6-(4-(tert-Butyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

3-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylsulfonyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Bromo-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,6-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-((1-methyl-1H-indazol-6-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(1H-Pyrazol-1-yl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)-2-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-((trifluoromethyl)thio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dichlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(2-oxopyrrolidin-1-yl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylthio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-(methylsulfonyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(phenoxymethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((4-isopropylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-isopropylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-3,5-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethynylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxy-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4,5-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-2,4-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trimethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dichloro-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2,6-difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3,5-dimethylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2,3,4-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-(trifluoromethoxy)benzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Dimethoxybenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-ethoxy-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-2,3-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-Benzyl-9-(((2R,6S)-2,6-dimethylmorpholino)methyl) pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(Benzo[d][1,3]dioxol-5-ylmethyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)-[1,2,4] triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((4-Acetylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(2,3-difluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-hydroxyazetidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

and pharmaceutically acceptable salts thereof.

24. A pharmaceutical composition comprising an effective amount of at least one compound of claim **23**, and a pharmaceutically acceptable excipient.

25. A compound, or pharmaceutically acceptable salt thereof, selected from the group consisting of:

9-Bromo-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-Bromo-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Dimethoxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Bromo-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-(3,4-Dimethoxyphenyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(6-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-methoxypyridin-3-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(3-methyl-6-oxopyridazin-1(6H)-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(4-Cyclopropylpiperazin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((1S,2S)-2-Aminocyclohexyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(1-methylpiperidin-4-yl) amino)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((2-(Dimethylamino)ethyl)(methyl)amino)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(2-methoxyethyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(3-(Dimethylamino)pyrrolidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-(4-(Dimethylamino)piperidin-1-yl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

6-(4-Methoxybenzyl)-9-(methyl(tetrahydro-2H-pyran-4-yl)amino)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2S,6R)-2,6-Dimethylmorpholino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-((3-(Dimethylamino)propyl)(methyl)amino)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(4-(methylsulfonyl)piperazin-1-yl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

Benzyl (2-(6-(4-methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)ethyl) carbamate;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(thiomorpholinomethyl)pyrido [3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Aminoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((tetrahydro-2H-pyran-4-yl)amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2-((1-phenylethyl)amino)ethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-vinylpyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methoxymethoxy)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Ethoxyvinyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(Hydroxymethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-Oxa-5-azabicyclo[2.2.1]heptan-5-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Dimethylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((3,3-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,2-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2-Ethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2,2,6,6-tetrafluoromorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(8-Oxa-3-azabicyclo[3.2.1]octan-3-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((1-methyl-8-oxa-1,2-diazaspiro[4.5]decan-2-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methyl-1,4-diazepan-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((4-Acetyl-1,4-diazepan-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Cyclohexyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((methyl(tetrahydro-2H-pyran-4-yl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(2-methoxyethyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-((Isopropyl(2-methoxyethyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-methylpiperazin-1-yl)methyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(morpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(piperidin-1-ylmethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-(thiomorpholinomethyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[2,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(((2-methoxyethyl)(methyl) amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

7-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)tetrahydro-1H-oxazolo[3,4-a]pyrazin-3(5H)-one;

9-(((2S,5S)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,5R)-2,5-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperazin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((3S,5R)-3,5-Dimethylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-((tetrahydrofuran-3-yl)methyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo [1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

4-((6-(4-Methoxybenzyl)-5-oxo-5,6-dihydropyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-9-yl)methyl)-N,N-dimethylpiperazine-1-sulfonamide;

6-(4-Methoxybenzyl)-9-((4-(2,2,2-trifluoroacetyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c] pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-(tetrahydrofuran-3-carbonyl) piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1, 5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((((3-methyloxetan-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((methyl((tetrahydrofuran-3-yl)methyl)amino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Cyclopropyl(methyl)amino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((4-(methylsulfonyl)piperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-((Benzylamino)methyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-8-((phenylamino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

8-(Isoindolin-2-ylmethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-Acetyl-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-((2S,6R)-2,6-Dimethylmorpholino)ethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Hydroxy-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-hydroxyethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(1-Fluoro-2-morpholinoethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(2-((2S,6R)-2,6-Dimethylmorpholino)-1-fluoroethyl)-6-(4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-hydroxyethyl) pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(2,2,2-trifluoro-1-morpholinoethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5 (6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethoxy)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1, 5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-fluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo [1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo [1,5-c]pyrimidin-5(6H)-one;

6-(3-bromo-4-Fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c] pyrimidin-5(6H)-one;

4-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

6-(4-(tert-Butyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

3-((9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-5-oxopyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-6(5H)-yl)methyl)benzonitrile;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylsulfonyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Bromo-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,6-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-((1-methyl-1H-indazol-6-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(1H-Pyrazol-1-yl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)-2-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2-((trifluoromethyl)thio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dichlorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(2-oxopyrrolidin-1-yl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-(methylthio)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one; and

6-(2-Chloro-4-(methylsulfonyl)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one.

26. A compound, or pharmaceutically acceptable salt thereof, selected from the group consisting of:

6-(4-Methoxybenzyl)-8-(phenoxymethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((4-isopropylpiperazin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-(piperidin-1-ylmethyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-isopropylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-(Difluoromethoxy)benzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-3,5-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-ethynylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-iodobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-5-fluoro-4-methoxybenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(4-methoxy-3-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,5-Difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-(trifluoromethyl)benzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2-fluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4,5-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-2,4-difluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trimethoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dichloro-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2-Chloro-4-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-2,6-difluorobenzyl)-9-(((2S,6R)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-fluoro-3,5-dimethylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(2,3,4-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-dichlorobenzyl)-9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Chloro-3-(trifluoromethoxy)benzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,5-Dimethoxybenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3-Chloro-4-ethoxy-5-fluorobenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(4-ethoxy-2,3-difluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2R,6S)-2,6-Dimethylmorpholino)methyl)-6-(3,4,5-trifluorobenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-Benzyl-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(3,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,4-Dimethylbenzyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

9-(((2S,6R)-2,6-Dimethylmorpholino)methyl)-6-(2,3,5,6-tetrafluoro-4-methylbenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(Benzo[d][1,3]dioxol-5-ylmethyl)-9-(((2R,6S)-2,6-dimethylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(morpholinomethyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((2-methylmorpholino)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-(piperidin-1-ylmethyl)-[1,2,4] triazolo[1,5-c]pteridin-5(6H)-one;

6-(4-Methoxybenzyl)-9-((4-methoxypiperidin-1-yl)methyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((4-Acetylpiperazin-1-yl)methyl)-6-(4-methoxybenzyl)-[1,2,4]triazolo[1,5-c]pteridin-5(6H)-one;

9-((1,4-Oxazepan-4-yl)methyl)-6-(2,3-difluoro-4-methoxybenzyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one;

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-methylmorpholino)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one; and

6-(2,3-Difluoro-4-methoxybenzyl)-9-((3-hydroxyazetidin-1-yl)methyl)pyrido[3,2-e][1,2,4]triazolo[1,5-c]pyrimidin-5(6H)-one.