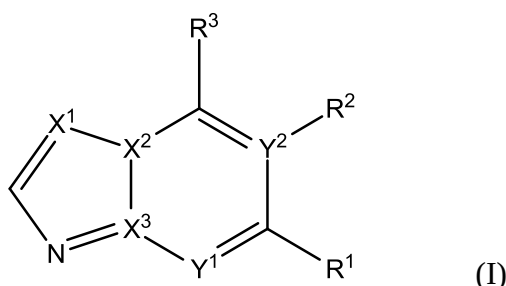


CLAIMS

1. A compound of formula (I)



wherein

X^1 represents N; X^2 represents N; X^3 represents C; Y^1 represents CH;

R^1 represents hydrogen, halogen, C_1 - C_6 alkyl, C_3 - C_6 cycloalkyl,

C_1 - C_6 alkoxy C_1 - C_6 alkyl,

C_1 - C_6 hydroxyalkyl, $-OR^4$, $-SR^4$, $-C(O)R^4$, $-C(O)OR^4$, $-(CH_2)_mNHC(O)R^4$, $-(CH_2)_m$
 $NHC(O)OR^4$, $-NHC(O)NHR^4$, $-NH SO_2R^4$, $-C(O)NR^5R^6$, $-(CH_2)_mNR^5R^6$, $-SO_2NR^5R^6$

or a 4- to 9-membered heterocyclyl, unsubstituted, or substituted by at least one

substituent independently selected from oxo, C_1 - C_6 alkyl, C_1 - C_6 alkylcarbonyl, C_1 - C_6

alkoxy, C_3 - C_6 cycloalkyl, C_1 - C_6 alkoxy carbonyl, $-(CH_2)_pNR^7R^8$ and $C(O)NR^7R^8$;

m is 0 or 1;

p is 0 or 1;

R^4 represents hydrogen, C_1 - C_6 alkyl, unsubstituted, or substituted by at least one
 substituent independently selected from halogen, hydroxyl, C_1 - C_6 haloalkyl, C_1 - C_6
 alkoxy, C_3 - C_6 cycloalkyl, C_6 - C_{10} aryl, NR^9R^{10} , oxetanyl, oxolanyl and oxanyl; C_3 - C_6
 cycloalkyl, unsubstituted, or substituted by at least one substituent independently selected
 from halogen, cyano and C_1 - C_6 alkyl; C_6 - C_{10} aryl, or a 4- to 7-membered heterocyclyl,
 unsubstituted, or substituted by at least one C_1 - C_6 alkyl;

R^5 and R^6 each independently represent hydrogen, C_1 - C_6 alkyl, unsubstituted, or
 substituted by at least one substituent independently selected from halogen, hydroxyl,

C₁-C₆ alkoxy, C₃-C₆ cycloalkyl, NR¹¹R¹², C₆-C₁₀ aryl, 5- to 10-membered heteroaryl and 4- to 7-membered heterocyclyl, each of the aryl, heteroaryl and heterocyclyl substituents being optionally substituted with at least one substituent independently selected from halogen, oxo, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ alkoxycarbonyl, and phenyl; C₁-C₆ alkylcarbonyl, C₃-C₆ cycloalkyl, C₆-C₁₀ aryl, 5- to 10-membered heteroaryl, 4- to 7-membered heterocyclyl, each of the aryl, heteroaryl and heterocyclyl groups being optionally substituted with at least one substituent independently selected from halogen, C₁-C₆ alkyl, C₁-C₆ alkoxy, and C₁-C₆ alkylcarbonyl,

or R⁵ and R⁶ may together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring unsubstituted, or substituted by at least one substituent independently selected from halogen, hydroxyl, oxo and C₁-C₆ alkoxy;

R⁷ and R⁸ each independently represent a hydrogen atom or a C₁-C₆ alkyl or C₃-C₆ cycloalkyl group, or R⁷ and R⁸ may together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring optionally substituted by at least one substituent independently selected from halogen, hydroxyl, oxo and C₁-C₆ alkoxy;

R⁹ and R¹⁰ each independently represent a hydrogen atom or a C₁-C₆ alkyl or C₃-C₆ cycloalkyl group, or R⁹ and R¹⁰ may together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring optionally substituted by at least one substituent independently selected from halogen, hydroxyl, oxo and C₁-C₆ alkoxy;

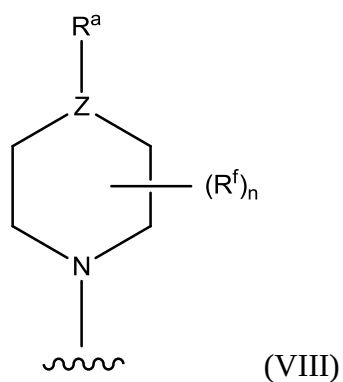
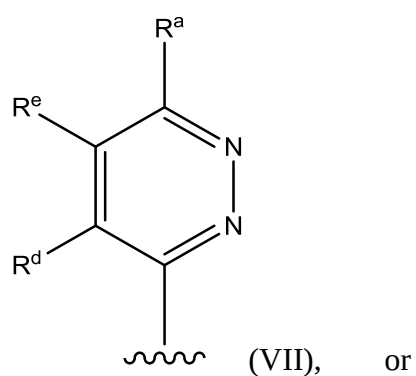
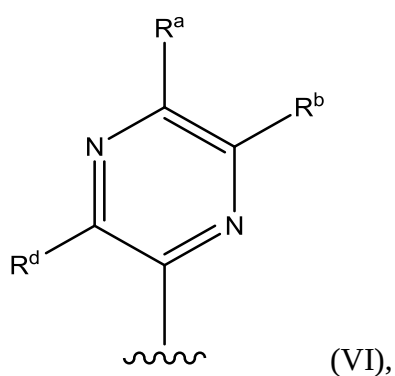
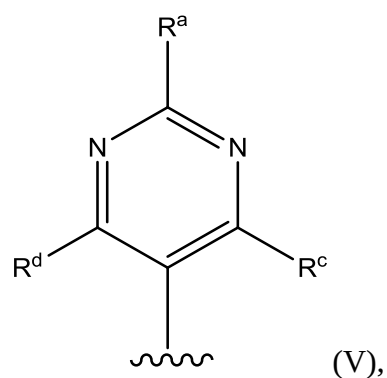
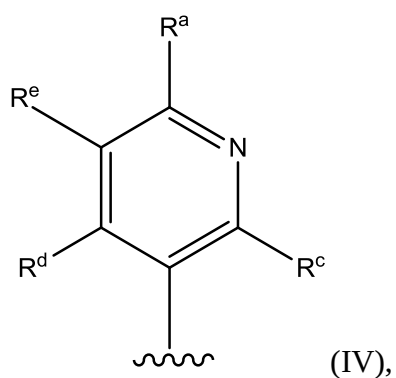
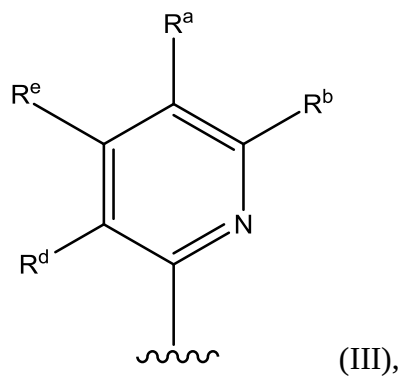
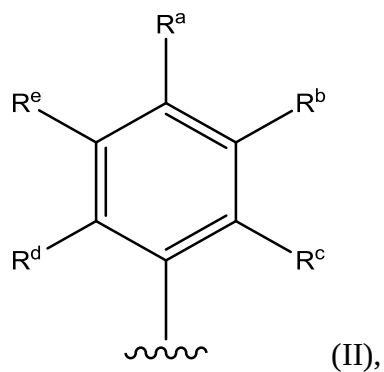
R¹¹ and R¹² each independently represent a hydrogen atom or a C₁-C₆ alkyl or C₃-C₆ cycloalkyl group;

Y² represents C or N;

when Y² represents C, R² represents a hydrogen or halogen atom, or a C₁-C₃ alkyl or amino group;

when Y² represents N, R² is absent;

R^3 represents a group of formula (II) to (VIII)



5

wherein in formula (VIII), n is 0 or an integer from 1 to 4, Z represents CH or N, R^a represents halogen, cyano, C_2 - C_6 alkenyl, C_2 - C_6 alkynyl or C_3 - C_6 cycloalkyl, each of R^b , R^c , R^d and R^e independently represents hydrogen, halogen, C_1 - C_6

alkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkyl, C₃-C₆ cycloalkyl or NR¹³R¹⁴, and each R^f independently represents halogen, C₁-C₆ alkyl, C₁-C₆ alkoxy, C₁-C₆ haloalkyl, C₃-C₆ cycloalkyl or NR¹³R¹⁴; and

R¹³ and R¹⁴ each independently represent a hydrogen atom or a C₁-C₆ alkyl or C₃-C₆ cycloalkyl group, or R¹³ and R¹⁴ may together with the nitrogen atom to which they are attached form a 4- to 7-membered saturated heterocyclic ring optionally substituted by at least one substituent independently selected from halogen, hydroxyl, oxo and C₁-C₆ alkoxy;

or a pharmaceutically acceptable salt thereof.

10

2. A compound according to claim 1, wherein R¹ represents

- (i) hydrogen,
- (ii) chlorine,
- (iii) methyl,
- (iv) cyclopropyl,
- (v) methoxymethyl,
- (vi) hydroxymethyl,
- (vii) -OR⁴,
- (viii) -SR⁴,
- (ix) -C(O)R⁴,
- (x) -C(O)OR⁴,
- (xi) -(CH₂)_mNHC(O)R⁴,
- (xii) -(CH₂)_mNHC(O)OR⁴,
- (xiii) -NHC(O)NHR⁴,
- (xiv) -NHSO₂R⁴,
- (xv) -C(O)NR⁵R⁶,
- (xvi) -(CH₂)_mNR⁵R⁶,

15

20

25

(xvii) $-\text{SO}_2\text{NR}^5\text{R}^6$, or

(xviii) a 4- to 9-membered heterocyclyl comprising one or two ring heteroatoms independently selected from nitrogen and oxygen which is either unsubstituted or is substituted by one or two substituents independently selected from oxo,
 5 C₁-C₄ alkyl, C₁-C₂ alkylcarbonyl, C₁-C₂ alkoxy, cyclopropyl, C₁-C₄ alkoxy carbonyl, $-(\text{CH}_2)_p\text{NR}^7\text{R}^8$ and $\text{C}(\text{O})\text{NR}^7\text{R}^8$.

3. A compound according to claim 1, wherein R^1 represents $-(\text{CH}_2)_m\text{NHC}(\text{O})\text{R}^4$ or $-(\text{CH}_2)_m\text{NR}^5\text{R}^6$ and m is 0.

10

4. A compound according to claim 1, wherein R^4 represents hydrogen, C₁-C₃ alkyl, unsubstituted, or substituted by one, two or three substituents independently selected from fluorine, hydroxyl, trifluoromethyl, C₁-C₂ alkoxy, cyclopropyl, phenyl, NR^9R^{10} , oxetanyl, oxolanyl and oxanyl; C₃-C₄ cycloalkyl, unsubstituted, or substituted by one or
 15 two substituents independently selected from fluorine, cyano and C₁-C₂ alkyl; phenyl, or a 4- to 6-membered heterocyclyl, unsubstituted, or substituted by one or two C₁-C₆ alkyl groups.

5. A compound according to claim 1, wherein R^5 and R^6 each independently represent

20

(i) hydrogen,

(ii) C₁ to C₅ alkyl, unsubstituted, or substituted by one, two, three or four substituents independently selected from fluorine, hydroxyl, methoxy, cyclopropyl, $\text{NR}^{11}\text{R}^{12}$, phenyl, 5- to 6-membered heteroaryl and 4- to 6-membered heterocyclyl, each of the aryl, heteroaryl and heterocyclyl substituents being optionally substituted with
 25 one, two, three, or four substituents independently selected from fluorine, chlorine, oxo, methyl, methoxy, C₁-C₄ alkoxy carbonyl, and phenyl,

(iii) methylcarbonyl,

(iv) cyclopropyl,

- (v) phenyl,
 (vi) 5- to 6-membered heteroaryl, or
 (vii) 4- to 6-membered heterocyclyl,
 each of the aryl, heteroaryl and heterocyclyl groups (groups (v), (vi) and (vii) above)
 5 being optionally substituted with one, two, three or four substituents independently
 selected from methyl, methoxy, and C₁-C₂ alkylcarbonyl.

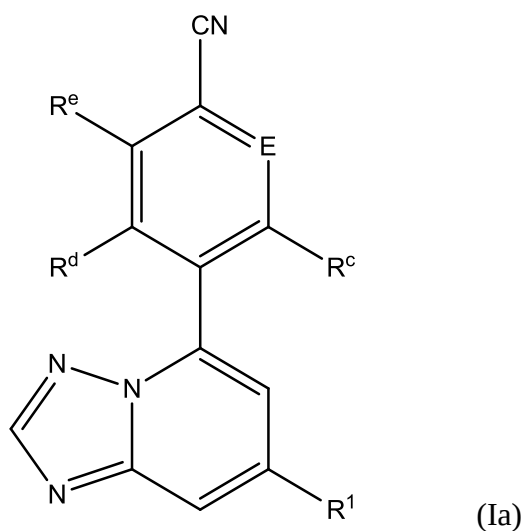
6. A compound according to claim 1, wherein R³ represents a group of formula (II) or a
 group of formula (IV).

10

7. A compound according to claim 1, wherein R^a represents cyano.

8. A compound according to claim 1, wherein R³ represents a group of formula (II) in
 which R^a represents cyano, R^c represents methyl, and each of R^b, R^d and R^e independently
 15 represents hydrogen, fluorine or methyl.

9. A compound as claimed in claim 1 of formula (Ia)



in which R¹ represents NHC(O)R⁴ or NR⁵R⁶;

20 E is a nitrogen atom or CR^b;

R^b and R^e each independently represent a hydrogen or fluorine atom;

R^c and R^d each independently represent a hydrogen, fluorine or chlorine atom or a methyl group;

R⁴ represents a C₁-C₃ alkyl or C₃-C₆ cycloalkyl group; and

R⁵ and R⁶ each represent a hydrogen atom.

5

10. A compound of formula (I) as defined in claim 1 which is:

5-(2,4-dichlorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine;

5-(4-chlorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine;

4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

10 4-{7-methyl-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

2-fluoro-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

2,6-difluoro-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

3-fluoro-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

3-methyl-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

15 5-(4-chloro-2-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine;

2-chloro-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2-(trifluoromethyl)benzonitrile;

5-(4-chloro-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine;

2-methyl-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

20 6-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyridine-3-carbonitrile;

5-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyridine-2-carbonitrile;

4-{[1,2,4]triazolo[1,5-*c*]pyrimidin-5-yl}benzonitrile;

2-fluoro-4-{[1,2,4]triazolo[1,5-*c*]pyrimidin-5-yl}benzonitrile;

4-{6-methyl-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

25 2-fluoro-4-{6-methyl-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

5-{7-chloro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-6-methylpyridine-2-carbonitrile;

5-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyrimidine-2-carbonitrile;

5-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyrazine-2-carbonitrile;

2,3-difluoro-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

30 3-fluoro-5-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyridine-2-carbonitrile;

4-methyl-5-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyridine-2-carbonitrile;

3,5-dimethyl-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

- 6-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}pyridazine-3-carbonitrile;
 6-methyl-5-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}pyridine-2-carbonitrile;
 2-fluoro-5-methyl-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 3-chloro-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 5 3-methoxy-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 5-methyl-6-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}pyridine-3-carbonitrile;
 3-ethyl-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 3-fluoro-5-methyl-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 3-amino-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 10 3-bromo-4-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 1-{{1,2,4}triazolo[1,5-*a*]pyridin-5-yl}piperidine-4-carbonitrile;
 4-[7-(hydroxymethyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;
 methyl 5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxylate;
 5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxylic acid;
 15 4-{7-cyclopropyl-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;
 4-[7-(pyrrolidine-1-carbonyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;
 5-(4-cyanophenyl)-*N*-(2-methoxyethyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;
 4-{7-[(2*S*)-2-methylpyrrolidine-1-carbonyl]-[1,2,4]triazolo[1,5-*a*]pyridin-5-
 yl}benzonitrile;
 20 4-[7-(3-methylpyrrolidine-1-carbonyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;
 5-(4-cyanophenyl)-*N*-(3-methoxyphenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-
 carboxamide;
N-[2-(3-chlorophenyl)ethyl]-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-
 carboxamide;
 25 *N*-[2-(4-chlorophenyl)ethyl]-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-
 carboxamide;
 5-(4-cyanophenyl)-*N*-[2-(3-methoxyphenyl)ethyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-
 carboxamide;
N-(3-chlorophenyl)-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;
 30 *N*-(4-chlorophenyl)-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;
 5-(4-cyanophenyl)-*N*-(6-methylpyridazin-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-
 carboxamide;

5-(4-cyanophenyl)-*N*-(2-methylpyrimidin-5-yl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

N-[(3-chlorophenyl)methyl]-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5 *N*-[(4-chlorophenyl)methyl]-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-*N*-[(3-methoxyphenyl)methyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

10 5-(4-cyanophenyl)-*N*-methyl-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

N-butyl-5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-*N*-[(1-methyl-1*H*-imidazol-4-yl)methyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

15 5-(4-cyanophenyl)-*N*-[(1-methyl-1*H*-pyrazol-4-yl)methyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

tert-butyl 3-({[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]formamido)methyl)azetidine-1-carboxylate;

5-(4-cyanophenyl)-*N*-[2-(morpholin-4-yl)ethyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

20 5-(4-cyanophenyl)-*N*-[2-(4-methylpiperazin-1-yl)ethyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-*N*-(propan-2-yl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-*N*-(cyclopropylmethyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

25 5-(4-cyanophenyl)-*N*-(oxetan-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-*N*-(oxetan-3-ylmethyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

5-(4-cyanophenyl)-*N*-(1-methylazetidin-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

30 5-(4-cyanophenyl)-*N*-(2-hydroxyethyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-carboxamide;

4-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(cyclopropylmethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(2-methoxyethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-[7-(ethylamino)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

4-{7-[(oxan-4-ylmethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(oxolan-3-ylmethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(2,2-difluoroethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

5 4-{7-[(oxetan-3-ylmethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(3,3,3-trifluoropropyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-(7-{[3-(morpholin-4-yl)propyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-{7-[(2-hydroxy-2-methylpropyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(3-methoxypropyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(oxolan-2-ylmethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-(7-{[2-(dimethylamino)ethyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-[7-(benzylamino)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

15 4-(7-{[(2-fluorophenyl)methyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-(7-{[(3-fluorophenyl)methyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-(7-{[(4-fluorophenyl)methyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-[7-(cyclopropylmethoxy)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

4-[7-(benzyloxy)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

20 *tert*-butyl N-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

N-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

N-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropanecarboxamide;

N-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]benzamide;

tert-butyl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

25 2-fluoro-4-{7-[(oxetan-3-ylmethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

2-fluoro-4-{7-[(3,3,3-trifluoropropyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

2-fluoro-4-(7-{[(3-methyloxetan-3-yl)methyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

30 2-fluoro-4-(7-{[(3-phenyloxetan-3-yl)methyl]amino}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-{7-[2-(dimethylamino)ethoxy]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2-fluorobenzonitrile;

2-fluoro-4-{7-[2-(pyrrolidin-1-yl)ethoxy]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

5 2-fluoro-4-[7-(oxolan-2-ylmethoxy)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

2-fluoro-4-{7-[2-(2-oxopyrrolidin-1-yl)ethoxy]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

2-fluoro-4-[7-(oxolan-3-ylmethoxy)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

2-fluoro-4-[7-(2-oxopyrrolidin-1-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

10 2-fluoro-4-[7-(2-oxo-1,3-oxazolidin-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-*N*-methylacetamide;

2-fluoro-4-[7-(morpholin-4-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

15 2-fluoro-4-[7-(3-methoxyazetidin-1-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

4-[7-(3-methoxyazetidin-1-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

4-(7-{2-oxa-6-azaspiro[3.3]heptan-6-yl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

20 *N*-[5-(4-cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

tert-butyl 4-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]piperazine-1-carboxylate;

tert-butyl 6-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2,6-diazaspiro[3.3]heptane-2-carboxylate;

25 methyl *N*-[5-(4-cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

4-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2-fluorobenzonitrile;

4-{6-fluoro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropanesulfonamide;

30 *N*-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]benzenesulfonamide;

3-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-1-phenylurea;

N-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-3-methoxypropanamide;

N-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-phenylacetamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-3,3,3-trifluoropropanamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-methoxyacetamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclobutanecarboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-(oxan-4-yl)acetamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-methylcyclopropane-1-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-(piperidin-1-yl)acetamide;

(2*S*)-*N*-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]oxolane-2-carboxamide;

(2*R*)-*N*-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]oxolane-2-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-(dimethylamino)acetamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]oxolane-3-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-1-methylcyclopropane-1-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]oxane-3-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-4-methyloxane-4-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-3-methyloxetane-3-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]oxetane-3-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2,2-difluorocyclopropane-1-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-cyclopropylacetamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-methoxy-2-methylpropanamide;

5 1-cyano-*N*-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropane-1-carboxamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-3-fluorocyclobutane-1-carboxamide;

10 *N*-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-(oxetan-3-yl)acetamide;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropanecarboxamide;

N-[5-(4-cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-3,3,3-trifluoropropanamide;

15 4-[7-(benzylsulfanyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

5-(4-cyanophenyl)-*N*-(cyclopropylmethyl)-[1,2,4]triazolo[1,5-*a*]pyridine-7-sulfonamide;

5-(4-cyanophenyl)-*N*-[2-(dimethylamino)ethyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-sulfonamide;

20 5-(4-cyanophenyl)-*N*-[2-(dimethylamino)ethyl]-[1,2,4]triazolo[1,5-*a*]pyridine-7-sulfonamide;

2-(azetidin-1-yl)-*N*-[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

4-{7-amino-6-fluoro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

5-(4-ethynylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridine;

25 4-(7-{[(propan-2-yl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-(7-{[(2,2,2-trifluoroethyl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-(7-{[(oxetan-3-yl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

30 4-(7-{[(oxetan-3-ylmethyl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-(7-{[(2,2-difluoroethyl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

4-[7-({[(3-chlorophenyl)methyl]amino}methyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

4-(7-({[(cyclopropylmethyl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

5 4-[7-({[(3-methoxyphenyl)methyl]amino}methyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

4-{7-[(3-methoxyazetidin-1-yl)methyl]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-(7-{{[(oxolan-3-yl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

10 4-(7-{{[(oxolan-3-ylmethyl)amino]methyl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-[(cyclopropylamino)methyl]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

cyclopropylmethyl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

15 2-methoxyethyl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

1-methylpiperidin-4-yl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

3-(dimethylamino)propyl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

2-(dimethylamino)ethyl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

oxolan-3-yl N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

25 4-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3-methylbenzonitrile;

4-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3-fluorobenzonitrile;

4,6-dimethyl-5-{{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyrimidine-2-carbonitrile;

5-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-6-methylpyridine-2-carbonitrile;

5-(4-chloro-3-methoxyphenyl)-[1,2,4]triazolo[1,5-*a*]pyridine;

30 2-fluoro-4-{6-fluoro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{6-fluoro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3-methylbenzonitrile;

3-fluoro-4-{6-fluoro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-hydroxy-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

2-fluoro-4-{7-hydroxy-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2-fluoro-5-methylbenzonitrile;

4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}piperazine-1-carbonitrile;

3,5-difluoro-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

5 2-fluoro-3-methyl-4-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-[7-(methoxymethyl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

N-{[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]methyl}acetamide;

N-{[5-(4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]methyl}cyclopropanecarboxamide;

10 4-{6-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

4-{7-amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2-fluoro-3-methylbenzonitrile hydrochloride;

5-{6-fluoro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-6-methylpyridine-2-carbonitrile;

4-[7-(piperazin-1-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

15 4-[7-(4-acetylpiperazin-1-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl]benzonitrile;

4-{7-[(2,3-dihydroxypropyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3-methylbenzonitrile;

N-[5-(4-cyano-3-fluoro-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

4-{7-chloro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2,3-difluorobenzonitrile;

20 4-{7-chloro-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2-fluoro-5-methylbenzonitrile;

N-[5-(4-cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]formamide;

6-amino-5-{[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}pyridine-2-carbonitrile;

N-[5-(4-Cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-hydroxyacetamide;

25 *N*-[5-(4-Cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-3,3,3-trifluoro-2-hydroxypropanamide;

N-[5-(4-Cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2-hydroxy-2-methylpropanamide;

N-[5-(6-Cyano-2-methylpyridin-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

30 *tert*-Butyl *N*-[5-(4-cyano-2-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]carbamate;

N-[5-(4-Cyano-3-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]oxetane-2-carboxamide;

N-[5-(4-Cyano-2-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

N-[5-(4-Cyano-2-fluorophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropanecarboxamide;

3-Fluoro-4-{7-[(2-methoxyethyl)amino]-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}benzonitrile;

N-[5-(6-Cyano-4-methylpyridin-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

5-{7-Amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-4-methylpyridine-2-carbonitrile;

4-{7-Hydroxy-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3-methylbenzonitrile;

N-[5-(4-Cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropanecarboxamide;

5-{7-Hydroxy-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-6-methylpyridine-2-carbonitrile;

3-Methyl-4-(7-{2-oxa-6-azaspiro[3.3]heptan-6-yl}-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl)benzonitrile;

N-[5-(6-Cyano-2-methylpyridin-3-yl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]cyclopropanecarboxamide;

4-{7-Amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3,5-difluorobenzonitrile;

N-[5-(4-Cyano-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]-2,2-difluorocyclopropane-1-carboxamide;

4-{7-Amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-3-chlorobenzonitrile;

4-{7-Amino-[1,2,4]triazolo[1,5-*a*]pyridin-5-yl}-2,3-difluorobenzonitrile;

N-[5-(2-Chloro-4-cyanophenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide; or

N-[5-(4-Cyano-5-fluoro-2-methylphenyl)-[1,2,4]triazolo[1,5-*a*]pyridin-7-yl]acetamide;

or a pharmaceutically acceptable salt thereof.

11. A pharmaceutical composition comprising a compound of formula (I) or a pharmaceutically acceptable salt thereof, as claimed in claim 1, in association with a pharmaceutically acceptable adjuvant, diluent or carrier, and optionally one or more other therapeutic agents.

12. The pharmaceutical composition of claim 11, which is a PHD inhibitor.

13. The pharmaceutical composition of claim 11, which is an agent for the treatment of acute kidney injury, chronic kidney disease, acute decompensated heart failure, heart failure following a heart attack or peripheral artery disease.

5 14. A compound of formula (I) or a pharmaceutically acceptable salt thereof, as claimed in claim 1, for use in therapy.

15. A compound of formula (I) or a pharmaceutically acceptable salt thereof, as claimed in claim 1, for use in treating acute kidney injury, chronic kidney disease, acute
10 decompensated heart failure, heart failure following a heart attack or peripheral artery disease.

16. Use of a compound of formula (I) or a pharmaceutically acceptable salt thereof, as claimed in claim 1, for the preparation of a medicament for the treatment of acute kidney
15 injury, chronic kidney disease, acute decompensated heart failure, heart failure following a heart attack or peripheral artery disease.