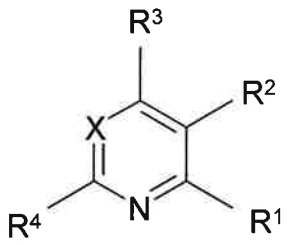
Claims

What is claimed is:

1. ~~Compounds~~ A compound of the formula I



I

~~In which~~ wherein

X denotes ~~CH or~~ N,

R^1 denotes NH_2, or $CONH_2$ ~~or H~~,

R^2 denotes Hal, Ar^1 or Het^1,

R^3 denotes $NR^5[C(R^5)_2]_nHet^2$, ~~$NR^5[C(R^5)_2]_nCyc$~~, Het^2, ~~$O[C(R^5)_2]_nAr^2$~~, ~~$NR^5[C(R^5)_2]_nAr^2$~~, $O[C(R^5)_2]_nHet^2$, $NR^5(CH_2)_pNR^5R^6$, $O(CH_2)_pNR^5R^6$ or $NR^5(CH_2)_pCR^7R^8NR^5R^6$,

R^4 denotes H, CH_3 or NH_2,

R^5 ~~denotes~~is each independently H or alkyl having 1, 2, 3 or 4 C atoms,

R^6 is each independently $N(R^5)_2CH_2CH=CHCONH$, $Het^3CH_2CH=CHCONH$, $CH_2=CHCONH(CH_2)_n$, $Het^4(CH_2)_nCOHet^3$-diyl-$CH_2CH=CHCONH$, $HC\equiv CCO$, $CH_3C\equiv CCO$, $CH_2=CH\text{-}CO$, $CH_2=C(CH_3)CONH$, $CH_3CH=CHCONH(CH_2)_n$, $N\equiv CCR^7R^8CONH(CH_2)_n$, $Het^4NH(CH_2)_pCOHet^3$-diyl-$CH_2CH=CHCONH$, $Het^4(CH_2)_pCONH(CH_2CH_2O)_p(CH_2)_pCOHet^3$-diyl-$CH_2CH=CHCONH$, $CH_2=CHSO_2$, $ACH=CHCO$, $CH_3CH=CHCO$, $Het^4(CH_2)_pCONH(CH_2)_pHet^3$-diyl-$CH_2CH=CHCONH$, $Ar^3CH=CHSO_2$, $CH_2=CHSO_2NH$ or $N(R^5)CH_2CH=CHCO$,

R^7, R^8 denote together alkylene having 2, 3, 4, or 5 C atoms,

Ar^1 denotes phenyl or naphthyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Hal, $(CH_2)_nNH_2$, $CONHAr^3$, $(CH_2)_nNHCOA$, $O(CH_2)_nAr^3$, OCyc, A, $COHet^3$, OA and/or $OHet^3$ (CH_2),

~~Ar^2~~	~~denotes phenyl, naphthyl or pyridyl each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Hal, OAr^3, $(CH_2)_nNH_2$, $(CH_2)_nNHCOA$ and/or Het^3,~~
Ar^3	is each independently ~~denotes~~ phenyl, which is unsubstituted or mono-, di- or trisubstituted by OH, OA, Hal, CN and/or A,
Het^1	denotes a mono-or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by R^6, $O(CH_2)_nAr^3$ and/or $(CH_2)_nAr^3$,
Het^2	is each independently ~~denotes~~ a mono-or bicyclic saturated heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by R^6, Het^3, $CycSO_2$, OH, Hal, COOH, OA, COA, $COHet^3$, CycCO, SO_2 and/or =O,
Het^3	is each independently ~~denotes~~ a monocyclic unsaturated, saturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by Hal, A and/or =O,
Het^4	is each independently ~~denotes~~ a bi- or tricyclic unsaturated, saturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di-, tri- or tetrasubstituted by A, NO_2, Hal and/or =O,
Cyc	is each independently ~~denotes~~ cyclic alkyl having 3, 4, 5 or 6 C atoms, which is unsubstituted, monosubstituted or disubstituted by R^6 and/or OH and which may comprise a double bond,
A	is each independently ~~denotes~~ unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F and/or Cl and/or in which one or two non-adjacent CH_2 and/or CH-groups may be replaced by O, NH and/or by N,
Hal	is each independently ~~denotes~~ F, Cl, Br or I,
n	is each independently ~~denotes~~ 0, 1, 2, 3 or 4,
p	is each independently ~~denotes~~ 1, 2, 3, 4, 5 or 6,

and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

2. ~~Compounds~~ A compound according to Claim 1 ~~in which~~ wherein

Het^1 denotes piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, furyl, thienyl, pyrrolyl, imidazolyl, pyrazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyridyl, pyrimidinyl, triazolyl, tetrazolyl, oxadiazolyl, thiadiazolyl, pyridazinyl, pyrazinyl, benzimidazolyl, benzotriazolyl, indolyl, benzo-1,3-dioxolyl, indazolyl, azabicyclo[3.2.1]octyl, azabicyclo[2.2.2]octyl, imidazolidinyl, azetidinyl, azepanyl, benzo-2,1,3-thiadiazolyl, tetrahydrofuryl, dioxolanyl, tetrahydrothienyl, dihydropyrrolyl, tetrahydroimidazolyl, dihydropyrazolyl, tetrahydropyrazolyl, tetrahydropyridyl, dihydropyridyl or dihydrobenzodioxinyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, $O(CH_2)_nAr^3$ and/or $(CH_2)_nAr^3$, and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

3. ~~Compounds~~ A compound according to Claim ~~1 or~~ 2 ~~in which~~ wherein

Het^1 denotes pyrazolyl, pyridyl, pyrimidinyl, dihydropyridyl or dihydrobenzodioxinyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, $O(CH_2)_nAr^3$ and/or $(CH_2)_nAr^3$, and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

4. ~~Compounds~~ A compound according to ~~one or more of Claims 1-3 in which~~ Claim 1 wherein

Het^2 denotes piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, azabicyclo[3.2.1]octyl, azabicyclo[2.2.2]octyl, 2,7-diazaspiro[3.5]nonyl, 2,8-diazaspiro[4.5]decyl, 2,7-diazaspiro[4.4]nonyl, 3-azabicylo[3.1.0]hexyl, 2-azaspiro[3.3]heptyl, 6-azaspiro[3.4]octyl, 7-azaspiro[3.5]nonyl, 5-azaspiro[3.5]nonyl, imidazolidinyl, azetidinyl, azepanyl, tetrahydrofuryl, dioxolanyl, tetrahydrothienyl, tetrahydroimidazolyl,

tetrahydropyrazolyl, tetrahydropyridyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Het^3, $CycSO_2$,

OH, OA, COA, $COHet^3$, CycCO, SO_2 and/or =O, and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

5. ~~Compounds~~ A compound according to ~~one or more of Claims 1-4 in which~~ wherein

Het^3 denotes piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, furyl, thienyl, pyrrolyl, imidazolyl, pyrazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyridyl, pyrimidinyl, triazolyl, tetrazolyl, oxadiazolyl, thiadiazolyl, pyridazinyl, pyrazinyl, imidazolidinyl, azetidinyl, azepanyl, tetrahydrofuryl, dioxolanyl, tetrahydrothienyl, dihydropyrrolyl, tetrahydroimidazolyl, dihydropyrazolyl, tetrahydropyrazolyl, tetrahydropyridyl or dihydropyridyl, each of which may be unsubstituted or mono-, di- or trisubstituted by Hal, A and/or =O,

and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

6. ~~Compounds~~ A compound according to ~~one or more of Claims 1-5 in which~~ claim 5 wherein

Het^3 denotes piperidinyl, pyrrolidinyl, morpholinyl, furyl, thienyl, pyrrolyl, imidazolyl, pyrazolyl, pyridyl, pyrimidinyl, dihydropyrrolyl, dihydropyrazolyl or dihydropyridyl, each of which may be unsubstituted or mono-, di- or trisubstituted by Hal, A and/or =O, and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

7. ~~Compounds~~ A compound according to ~~one or more of Claims 1-6 in which~~ Claim 1 wherein

Het^4 denotes hexahydrothieno[3,4-d]imidazolyl, benzo[c][1,2,5]oxadiazolyl or 5H-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-4-ium-uidyl, each of which may be unsubstituted or mono-, di-, tri- or tetrasubstituted by A, NO_2, Hal

and/or =O, and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

8. ~~Compounds~~ A compound according to ~~one or more of Claims 1-7 in which~~ Claim 1 wherein

X denotes ~~CH or~~ N,

R^1 denotes NH_2, or $CONH_2$ ~~or H~~,

R^2 denotes Hal, Ar^1 or Het^1,

R^3 denotes $NR^5[C(R^5)_2]_nHet^2$, ~~$NR^5[C(R^5)_2]_nCyc$~~, Het^2, ~~$O[C(R^5)_2]_nAr^2$~~, ~~$NR^5[C(R^5)_2]_nAr^2$~~, $O[C(R^5)_2]_nHet^2$, $NR^5(CH_2)_pNR^5R^6$, $O(CH_2)_pNR^5R^6$ $NR^5(CH_2)_pCR^7R^8NR^5R^6$,

R^4 denotes H,

R^5 is each independently ~~denotes~~ H or alkyl having 1, 2, 3 or 4 C atoms,

R^6 $N(R^5)_2CH_2CH=CHCONH$, $Het^3CH_2CH=CHCONH$, $CH_2=CHCONH(CH_2)_n$, $Het^4(CH_2)_nCOHet^3$-diyl-$CH_2CH=CHCONH$, $HC\equiv CCO$, $CH_3C\equiv CCO$, $CH_2=CH\text{-}CO$, $CH_2=C(CH_3)CONH$, $CH_3CH=CHCONH(CH_2)_n$, $N\equiv CCR^7R^8CONH(CH_2)_n$, $Het^4NH(CH_2)_pCOHet^3$-diyl-$CH_2CH=CHCONH$, $Het^4(CH_2)_pCONH(CH_2CH_2O)_p(CH_2)_pCOHet^3$-diyl-$CH_2CH=CHCONH$, $CH_2=CHSO_2$, ACH=CHCO, $CH_3CH=CHCO$, $Het^4(CH_2)_pCONH(CH_2)_pHet^3$-diyl-$CH_2CH=CHCONH$, $Ar^3CH=CHSO_2$, $CH_2=CHSO_2NH$ or $N(R^5)CH_2CH=CHCO$,

R^7, R^8 denote together alkylene having 2, 3, 4, or 5 C atoms,

Ar^1 denotes phenyl or naphthyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Hal, $(CH_2)_nNH_2$, $CONHAr^3$, $(CH_2)_nNHCOA$, $O(CH_2)_nAr^3$, OCyc, A, $COHet^3$, OA and/or $OHet^3$ (CH_2),

~~Ar^2 denotes phenyl or naphthyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Hal, OAr^3, $(CH_2)_nNH_2$, $(CH_2)_nNHCOA$ and/or Het^3,~~

Ar^3 is each independently ~~denotes~~ phenyl, which is unsubstituted or mono-, di- or trisubstituted by OH, OA, Hal, CN and/or A,

Het^1 denotes piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, furyl, thienyl, pyrrolyl, imidazolyl, pyrazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyridyl, pyrimidinyl, triazolyl, tetrazolyl,

oxadiazolyl, thiadiazolyl, pyridazinyl, pyrazinyl, benzimidazolyl, benzotriazolyl, indolyl, benzo-1,3-dioxolyl, indazolyl, azabicyclo[3.2.1]octyl, azabicyclo[2.2.2]octyl, imidazolidinyl,

azetidinyl, azepanyl, benzo-2,1,3-thiadiazolyl, tetrahydrofuryl, dioxolanyl, tetrahydrothienyl, dihydropyrrolyl, tetrahydroimidazolyl, dihydropyrazolyl, tetrahydropyrazolyl, tetrahydropyridyl, dihydropyridyl or dihydrobenzodioxinyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, $O(CH_2)_nAr^3$ and/or $(CH_2)_nAr^3$,

Het^2 is each independently ~~denotes~~ piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, azabicyclo[3.2.1]octyl, azabicyclo[2.2.2]octyl, 2,7-diazaspiro[3.5]nonyl, 2,8-diazaspiro[4.5]decyl, 2,7-diazaspiro[4.4]nonyl, 3-azabicylo[3.1.0]hexyl, 2-azaspiro[3.3]heptyl, 6-azaspiro[3.4]octyl, 7-azaspiro[3.5]nonyl, 5-azaspiro[3.5]nonyl, imidazolidinyl, azetidinyl, azepanyl, tetrahydrofuryl, dioxolanyl, tetrahydrothienyl, tetrahydroimidazolyl, tetrahydropyrazolyl, tetrahydropyridyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Het^3, $CycSO_2$, OH, OA, COA, $COHet^3$, CycCO, SO_2 and/or =O,

Het^3 is each independently ~~denotes~~ piperidinyl, piperazinyl, pyrrolidinyl, morpholinyl, furyl, thienyl, pyrrolyl, imidazolyl, pyrazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyridyl, pyrimidinyl, triazolyl, tetrazolyl, oxadiazolyl, thiadiazolyl, pyridazinyl, pyrazinyl, imidazolidinyl, azetidinyl, azepanyl, tetrahydrofuryl, dioxolanyl, tetrahydrothienyl, dihydropyrrolyl, tetrahydroimidazolyl, dihydropyrazolyl, tetrahydropyrazolyl, tetrahydropyridyl or dihydropyridyl, each of which may be unsubstituted or mono-, di- or trisubstituted by Hal, A and/or =O,

Het^4 is each independently ~~denotes~~ hexahydrothieno[3,4-d]imidazolyl, benzo[c][1,2,5]oxadiazolyl or 5H-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-4-ium-uidyl, each of which may be unsubstituted or mono-, di-, tri- or tetrasubstituted by A, NO_2, Hal and/or =O,

Cyc is each independently ~~denotes~~ cyclic alkyl having 3, 4, 5 or 6 C atoms, which is unsubstituted or monosubstituted by R^6 and which may comprise a double bond,

A is each independently ~~denotes~~ unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F and/or Cl and/or in which one or two non-adjacent CH_2 and/or CH-groups may be replaced by O, NH and/or by N,

Hal is each independently ~~denotes~~ F, Cl, Br or I,

n is each independently ~~denotes~~ 0, 1, 2, 3 or 4,

p is each independently ~~denotes~~ 1, 2, 3, 4, 5 or 6,

and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

~~9. Compounds according to Claim 1, selected from the group~~

No.	Chemical Name
"A1"	(R)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)pyrrolidin-1-yl)prop-2-en-1-one
"A2"	(R)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)piperidin-1-yl)prop-2-en-1-one
"A3"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)phenyl)acrylamide
"A4"	(R)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A5"	N-((1-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)pyrrolidin-3-yl)methyl)acrylamide
"A6"	1-(4-(((5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)piperidin-1-yl)prop-2-en-1-one
"A7"	N-((1-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)piperidin-4-yl)methyl)acrylamide
"A8"	4-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidine-1-carbonyl)-1-methylpyridin-2(1H)-one
"A9"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)piperidin-1-yl)but-2-yn-1-one

"A10"	5-(4-phenoxyphenyl)-N4-((1-(vinylsulfonyl)piperidin-4-yl)methyl)pyrimidine-4,6-diamine
"A11"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-4-((2-methoxyethyl)(methyl)amino)but-2-en-1-one
"A12"	(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)(2-fluoropyridin-3-yl)methanone
"A13"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)but-2-en-1-one
"A14"	N4-((1-(cyclopropylsulfonyl)piperidin-4-yl)methyl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine
"A15"	(Z)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)but-2-en-1-one
"A16"	1-(4-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)ethyl)piperidin-1-yl)prop-2-en-1-one
"A17"	1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)piperidin-1-yl)prop-2-en-1-one
"A18"	N-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)ethyl)acrylamide
"A19"	(R)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)pyrrolidin-1-yl)prop-2-en-1-one
"A20"	N-(1-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)cyclopentyl)acrylamide
"A21"	1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A22"	1-(4-(((5-fluoro-3-(4-phenoxyphenyl)pyridin-2-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A23"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)ethanone

"A24"	(E)-7-(3-(4-(4-((3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)amino)-4-oxobut-2-en-1-yl)piperazin-1-yl)-3-oxopropyl)-5,5-difluoro-1,3-dimethyl-5H-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-4-ium-5-uide
"A25"	1-(4-(((2-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A26"	(S)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A27"	N-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)ethyl)acrylamide
"A28"	(S)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A29"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-2-methylprop-2-en-1-one
"A30"	(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)(cyclohex-1-en-1-yl)methanone
"A31"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-3-methylbut-2-en-1-one
"A32"	(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)(cyclopent-1-en-1-yl)methanone
"A33"	1-(4-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A34"	1-(4-(((6-amino-5-(4-(3-fluorophenoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A35"	(E)-7-(3-((2-(4-(4-((3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)amino)-4-oxobut-2-en-1-yl)piperazin-1-yl)ethyl)amino)-3-oxopropyl)-5,5-difluoro-1,3-dimethyl-5H-dipyrrolo[1,2-c:2',1'-f][1,3,2]diazaborinin-4-ium-5-uide
"A36"	1-(4-(((6-amino-2-methyl-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A37"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-4-hydroxypiperidin-1-yl)prop-2-en-1-one

"A38"	(R)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A39"	1-(4-(((6-amino-5-(4-(phenylamino)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A40"	1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)-1H-pyrrol-2(5H)-one
"A41"	1-(4-(((6-amino-5-(4-benzylphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A42"	(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)(cyclobut-1-en-1-yl)methanone
"A43"	(Z)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)piperidin-1-yl)but-2-en-1-one
"A44"	1-(4-(((6-amino-2-methyl-5-(4-phenoxyphenyl)pyrimidin-4-yl)(methyl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A45"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-2-chloroethanone
"A46"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-yn-1-one
"A47"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)(methyl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A48"	1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-8-azabicyclo[3.2.1]octan-8-yl)prop-2-en-1-one
"A49"	N-((1S,3S)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclopentyl)acrylamide
"A50"	N-(4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)butyl)acrylamide
"A51"	N-(cis-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A52"	1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)azepan-1-yl)prop-2-en-1-one
"A53"	N-(trans-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide

"A54"	(E)-5-(4-phenoxyphenyl)-N4-((1-(styrylsulfonyl)piperidin-4-yl)methyl)pyrimidine-4,6-diamine
"A55"	N4-((1-(methylsulfonyl)piperidin-4-yl)methyl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine
"A56"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-2,3-dihydroxypropan-1-one
"A57"	4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-2-one
"A58"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)ethenesulfonamide
"A59"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)propyl)acrylamide
"A60"	N-(5-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)pyridin-3-yl)acrylamide
"A61"	(R)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)pyrrolidin-1-yl)prop-2-yn-1-one
"A62"	(R,E)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)pyrrolidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A63"	(E)-N-(cis-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)-4-(dimethylamino)but-2-enamide
"A64"	N-(cis-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)propiolamide
"A65"	(S)-1-(2-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)morpholino)prop-2-en-1-one
"A66"	(R)-1-(2-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)morpholino)prop-2-en-1-one
"A67"	N-(3-((6-amino-5-(1-(3-fluorobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A68"	1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-8-azabicyclo[3.2.1]octan-8-yl)prop-2-yn-1-one
"A69"	N-(3-((6-amino-5-(1-(4-cyanobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide

"A70"	N-(3-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)phenyl)acrylamide
"A71"	(E)-1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-8-azabicyclo[3.2.1]octan-8-yl)-4-(dimethylamino)but-2-en-1-one
"A72"	N-(3-((6-amino-5-(1-(4-methoxybenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A73"	(R,E)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)pyrrolidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A74"	(R,E)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A75"	1-(trans-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-4-hydroxypyrrolidin-1-yl)prop-2-en-1-one
"A76"	1-(4-(((2-amino-3-(4-phenoxyphenyl)pyridin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A77"	1-(4-(((6-amino-5-(4-fluorophenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A78"	1-(4-(((6-amino-5-(4-(trifluoromethoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A79"	1-(4-(((6-amino-5-(4-(4-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A80"	1-(4-(((6-amino-5-(4-(4-(fluorophenoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A81"	1-(4-(((6-amino-5-(4-(trifluoromethyl)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A82"	1-(4-(((6-amino-5-(3,4-dimethoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A83"	1-(4-(((6-amino-5-(3,4,5-trimethoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A84"	1-(4-(((6-amino-5-(2,3-dihydrobenzo[b][1,4]dioxin-6-yl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one

"A85"	1-(4-(((6-amino-5-(4-methoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A86"	4-(4-(4-(((1-acryloylpiperidin-4-yl)methyl)amino)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A87"	1-(4-(((6-amino-5-(2,5-difluoro-4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A88"	1-(4-(((6-amino-5-(2,3-difluoro-4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A89"	1-(4-(((6-amino-5-(4-((1-methylpiperidin-4-yl)oxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A90"	1-(4-(((6-amino-5-(4-phenoxy-2-(trifluoromethyl)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A91"	1-(2-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)-2,7-diazaspiro[3.5]nonan-7-yl)prop-2-en-1-one
"A92"	1-(8-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)-2,8-diazaspiro[4.5]decan-2-yl)prop-2-en-1-one
"A93"	1-(7-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)-2,7-diazaspiro[4.4]nonan-2-yl)prop-2-en-1-one
"A94"	1-(4-(((6-amino-5-(4-(4-hydroxyphenoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A95"	1-(4-(((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A96"	1-(4-(((6-amino-5-(4-(pyridin-3-yloxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A97"	1-(4-(((6-amino-5-(4-(pyridin-4-yloxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A98"	1-(4-(((6-amino-5-(4-(p-tolyloxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A99"	1-(4-(((6-amino-5-(4-(cyclohexyloxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one

"A100"	N4-((1R,5S,6r)-3-azabicyclo[3.1.0]hexan-6-ylmethyl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine hydrochloride
"A101"	(3S,4S)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-3-ol hydrochloride
"A102"	(E)-1-(6-((6-amino-5-chloropyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)-4-(dimethylamino)but-2-en-1-one
"A103"	1-(3-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)ethyl)azetidin-1-yl)prop-2-en-1-one
"A104"	1-(3-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)ethyl)azetidin-1-yl)prop-2-yn-1-one
"A105"	(E)-1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)-4-(dimethylamino)but-2-en-1-one
"A106"	1-(6-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)prop-2-en-1-one
"A107"	1-(6-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)-2-azaspiro[3.3]heptan-2-yl)prop-2-en-1-one
"A108"	1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-2-azaspiro[3.3]heptan-2-yl)but-2-yn-1-one
"A109"	1-((3S,4S)-4-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)prop-2-en-1-one
"A110"	1-((3S,4S)-4-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)prop-2-yn-1-one
"A111"	1-(6-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)-2-azaspiro[3.3]heptan-2-yl)prop-2-yn-1-one
"A112"	1-(6-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)prop-2-yn-1-one
"A113"	1-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-6-azaspiro[3.4]octan-6-yl)prop-2-en-1-one
"A114"	1-(6-((6-amino-5-(4-(pyridin-4-yloxy)phenyl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)prop-2-en-1-one
"A115"	1-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-6-azaspiro[3.4]octan-6-yl)prop-2-yn-1-one

"A116"	1-(6-((6-amino-5-(1-(pyridin-4-ylmethyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)-2-azaspiro[3.3]heptan-2-yl)prop-2-en-1-one
"A117"	N-(1,3-trans-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclobutyl)acrylamide
"A118"	N-((1,3-cis-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclobutyl)acrylamide
"A119"	N4-(2-((2-chloroethyl)sulfonyl)-2-azaspiro[3.3]heptan-6-yl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine
"A120"	1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl) prop-2-en-1-one
"A121"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-4-methoxypiperidin-1-yl)prop-2-en-1-one
"A122"	N-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)spiro[3.3]heptan-2-yl)acrylamide
"A123"	1-(1-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-7-azaspiro[3.5]nonan-7-yl)prop-2-en-1-one
"A124"	1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-2-azaspiro[3.3]heptan-2-yl)prop-2-en-1-one
"A125"	1-(8-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-5-azaspiro[3.5]nonan-5-yl)prop-2-en-1-one
"A126"	(E)-1-((3S,4S)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A127"	(E)-1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-2-azaspiro[3.3]heptan-2-yl)-4-(dimethylamino)but-2-en-1-one
"A128"	3-((6-Amino-5-chloro-pyrimidin-4-ylamino)-methyl)-benzoic acid methyl ester
"A129"	Trans-3-(6-Amino-5-chloro-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid methyl ester
"A130"	(1R,3S)-3-(6-Amino-5-chloro-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid methyl ester

"A131"	3-((6-Amino-5-(4-phenoxy-phenyl)-pyrimidin-4-ylamino)-methyl)-benzoic acid methyl ester
"A132"	Trans-3-(6-amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid methyl ester
"A133"	(1R,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid methyl ester
"A134"	-((6-Amino-5-(4-phenoxy-phenyl)-pyrimidin-4-ylamino)-methyl)-benzoic acid
"A135"	(1S,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid
"A136"	(1R,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid
"A137"	(4-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-phenyl)-N-methoxy-N-methyl-acetamide
"A138"	3-((6-Amino-5-(4-phenoxy-phenyl)-pyrimidin-4-ylamino)-methyl)-N-methoxy-N-methyl-benzamide
"A139"	(1S,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid methoxy-methyl-amide
"A140"	(1R,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexanecarboxylic acid methoxy-methyl-amide
"A141"	1-(3-((6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-methyl)-phenyl)-but-2-yn-1-one
"A142"	1-(3-((6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-methyl)-phenyl)-but-2-en-1-one
"A143"	1-((1S,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexyl)-propenone
"A144"	1-((1S,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexyl)-but-2-en-1-one
"A145"	1-((1S,3S)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexyl)-but-2-yn-1-one
"A146"	1-((1S,3R)-3-(6-Amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexyl)-but-2-en-1-one

"A147"	1-((1S,3R)-3-(6-amino-5-(4-phenoxyphenyl)-pyrimidin-4-ylamino)-cyclohexyl)-but-2-yn-1-one
"A148"	(S)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)pyrrolidin-1-yl)prop-2-en-1-one
"A149"	N-(3-((2-amino-3-(4-(benzyloxy)phenyl)pyridin-4-yl)oxy)phenyl)acrylamide
"A150"	1-(3-((2-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A151"	(E)-N-(3-((2-amino-3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)-4-(dimethylamino)but-2-enamide
"A152"	(E)-N-(3-((2-amino-3-(4-(benzyloxy)phenyl)pyridin-4-yl)oxy)phenyl)-4-(dimethylamino)but-2-enamide
"A153"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A154"	N-cis-4-((6-amino-5-(4-(benzyloxy)phenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A155"	4-(4-(((1-acryloylpyrrolidin-3-yl)methyl)amino)-6-aminopyrimidin-5-yl)-N-phenylbenzamide
"A156"	1-(3-(((6-amino-5-(4-(benzyloxy)phenyl)pyrimidin-4-yl)amino)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A157"	4-(4-(((1-acryloylpiperidin-4-yl)methyl)amino)-6-aminopyrimidin-5-yl)-N-phenylbenzamide
"A158"	N-(3-((2-amino-3-(4-phenoxyphenyl)pyridin-4-yl)oxy)-4-fluorophenyl)acrylamide
"A159"	4-(4-((cis-4-acrylamidocyclohexyl)amino)-6-aminopyrimidin-5-yl)-N-phenylbenzamide
"A160"	(E)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A161"	N-(3-((6-amino-5-(6-phenoxypyridin-3-yl)pyrimidin-4-yl)oxy)-4-fluorophenyl)acrylamide
"A162"	N-(3-((6-amino-5-(4-(pyridin-2-yloxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide

"A163"	N-(3-((6-amino-5-(3-sulfamoylphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A164"	N-(3-((6-amino-5-(3-(trifluoromethoxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A165"	N-(3-((6-amino-5-(6-(2-fluorophenoxy)pyridin-3-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A166"	N-(3-((6-amino-5-(6-(4-fluorophenoxy)pyridin-3-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A167"	N-(6-((5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)pyridin-2-yl)acrylamide
"A168"	1-(4-(((6-amino-5-(6-phenoxypyridin-3-yl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A169"	1-(4-(((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)methyl)-4-hydroxypiperidin-1-yl)prop-2-en-1-one
"A170"	1-((3S,4S)-4-(((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)prop-2-en-1-one
"A171"	1-(4-(((6-amino-2'-phenoxy-[5,5'-bipyrimidin]-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A172"	N-(3-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A173"	N-((1S,3R)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A174"	N-((1R,3S)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A175"	N-((1R,3R)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A176"	N-((1S,3S)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A177"	N-(4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)bicyclo[2.1.1]hexan-1-yl)acrylamide

"A178"	(R)-N4-(1-((perfluorophenyl)sulfonyl)pyrrolidin-3-yl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine
"A179"	(R)-N4-(1-((perfluorophenyl)sulfonyl)piperidin-3-yl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine
"A180"	(R)-1-(3-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A181"	N-(cis-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclopentyl)acrylamide
"A182"	N-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)cyclobutyl)acrylamide
"A183"	N-(3-((6-amino-5-(1-(3,5-difluorobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A184"	N-(3-((6-amino-5-(1-(2-fluorobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A185"	1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)azetidin-1-yl)prop-2-en-1-one
"A186"	N-(5-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)pyridin-3-yl)acrylamide
"A187"	N-(3-((6-amino-5-(1-(4-fluorobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A188"	N-((1R,3S,5R)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-5-hydroxycyclohexyl)acrylamide (racemic)
"A189"	N-(5-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)pyridin-3-yl)acrylamide
"A190"	N-(3-((6-amino-5-(1-(3-methylbenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A191"	N-(3-((6-amino-5-(1-(3-chlorobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A192"	(R)-1-(2-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)methyl)morpholino)prop-2-en-1-one
"A193"	(S)-1-(2-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)methyl)morpholino)prop-2-en-1-one

"A194"	N-(3-((6-amino-5-(1-(2-cyanobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A195"	N-(3-((6-amino-5-(1-(3-(trifluoromethyl)benzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A196"	(R)-1-(3-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A197"	N-(5-((6-amino-5-(4-(4-cyanophenoxy)phenyl)pyrimidin-4-yl)oxy)pyridin-3-yl)acrylamide
"A198"	N-(3-((6-amino-5-(1-(3-methoxybenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A199"	4-(4-(4-((((3S,4S)-1-acryloyl-3-hydroxypiperidin-4-yl)methyl)amino)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A200"	(R)-4-(4-(4-((4-acryloylmorpholin-2-yl)methoxy)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A201"	(R)-4-(4-(4-((1-acryloylpyrrolidin-3-yl)methoxy)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A202"	4-(4-(4-((2-acryloyl-2-azaspiro[3.3]heptan-6-yl)oxy)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A203"	N-(3-((6-amino-5-(1-(3-cyanobenzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A204"	1-((3S,5S)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-5-fluoropiperidin-1-yl)prop-2-en-1-one
"A205"	1-((3R,5R)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-5-fluoropiperidin-1-yl)prop-2-en-1-one
"A206"	methyl 3-((4-(4-(3-acrylamidophenoxy)-6-aminopyrimidin-5-yl)-1H-pyrazol-1-yl)methyl)benzoate
"A207"	4-(4-(4-((2-acryloyl-2-azaspiro[3.3]heptan-6-yl)amino)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A208"	4-(4-(4-(((8-acryloyl-8-azabicyclo[3.2.1]octan-3-yl)methyl)amino)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A209"	1-(3-(((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)methyl)-8-azabicyclo[3.2.1]octan-8-yl)prop-2-en-1-one

"A210"	1-((3R,4R)-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-4-hydroxypiperidin-1-yl)prop-2-en-1-one (racemic)
"A211"	N-(3-((6-amino-5-(1-(3-(methylsulfonyl)benzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A212"	N-(3-((6-amino-5-(1-(3-(dimethylamino)benzyl)-1H-pyrazol-4-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A213"	N-(3-((6-amino-5-(4-(3-cyanophenoxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A214"	3-(4-(4-(((1-acryloylpiperidin-4-yl)methyl)amino)-6-aminopyrimidin-5-yl)phenoxy)benzonitrile
"A215"	1-((3S,4S)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)but-2-yn-1-one
"A216"	1-acryloyl-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidine-4-carboxylic acid
"A217"	(E)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-1-(4-(dimethylamino)but-2-enoyl)piperidine-4-carboxylic acid
"A218"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-4-(3-fluoroazetidin-1-yl)but-2-en-1-one
"A219"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-4-(3,3-difluoroazetidin-1-yl)but-2-en-1-one
"A220"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-4-(pyrrolidin-1-yl)but-2-en-1-one
"A221"	1-(6-((6-amino-5-(4-(pyridin-3-yloxy)phenyl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)prop-2-en-1-one
"A222"	(E)-1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)-4-(3-fluoroazetidin-1-yl)but-2-en-1-one
"A223"	(E)-1-(6-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-2-azaspiro[3.3]heptan-2-yl)-4-(3-fluoroazetidin-1-yl)but-2-en-1-one
"A224"	(E)-N-(1,3-cis-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclobutyl)-4-(dimethylamino)but-2-enamide

"A225"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-4-fluoropiperidin-1-yl)prop-2-en-1-one
"A226"	(E)-1-(2-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)-6-azaspiro[3.4]octan-6-yl)-4-(dimethylamino)but-2-en-1-one
"A227"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-4-fluoropiperidin-1-yl)-4-(dimethylamino)but-2-en-1-one
"A228"	(E)-N-(1,3-trans-3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclobutyl)-4-(dimethylamino)but-2-enamide
"A229"	N-(1,3-cis-3-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)cyclobutyl)acrylamide
"A230"	(E)-N-(1,3-cis-3-((6-amino-5-(1-benzyl-1H-pyrazol-4-yl)pyrimidin-4-yl)amino)cyclobutyl)-4-(dimethylamino)but-2-enamide
"A231"	(E)-1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)-3-phenylprop-2-en-1-one
"A232"	1-((3S,4S)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)-3-(dimethylamino)propan-1-one
"A233"	1-((3S,4S)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)-3-(piperidin-1-yl)propan-1-one
"A234"	1-((3S,4S)-4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-3-hydroxypiperidin-1-yl)-3-morpholinopropan-1-one
"A235"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)-4-fluoropiperidin-1-yl)-3-(piperidin-1-yl)propan-1-one
"A236"	(E)-N-(1,3-cis-3-((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)cyclobutyl)-4-(dimethylamino)but-2-enamide
"A237"	N-(1,3-trans-3-((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)cyclobutyl)acrylamide

"A238"	N-(1,3-cis-3-((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)cyclobutyl)acrylamide
"A239"	1-acryloyl-4-(((6-amino-5-(4-(3-(trifluoromethyl)phenoxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidine-4-carboxylic acid
"A240"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-2-fluorophenyl)acrylamide
"A241"	N-(3-(4-amino-6-((4-phenoxyphenyl)amino)pyrimidin-5-yl)phenyl)acrylamide
"A242"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A243"	N-(3-(2-amino-4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)acrylamide
"A244"	N-(3-((2-amino-3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)acrylamide
"A245"	N-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)acrylamide
"A246"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-4-fluorophenyl)acrylamide
"A247"	(R)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A248"	(E)-N-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)-4-(dimethylamino)but-2-enamide
"A249"	N-(3-((6-amino-5-(4-(benzyloxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A250"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A251"	N-(5-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)-2,4-difluorophenyl)acrylamide
"A252"	(E)-N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)-4-(dimethylamino)but-2-enamide

"A253"	1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A254"	N-(3-((6-amino-5-(4-((2-methoxybenzyl)oxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A255"	N-(3-((5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A256"	N-(3-((6-amino-5-(4-(benzyloxy)-3-methoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A257"	N-(3-((6-amino-5-(4-(benzyloxy)-2,3-difluorophenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A258"	4-(4-(3-acrylamidophenoxy)-6-aminopyrimidin-5-yl)-N-phenylbenzamide
"A259"	N-(3-((6-amino-5-(6-(benzyloxy)pyridin-3-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A260"	N-(3-((6-amino-5-(4-((3-fluorobenzyl)oxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A261"	N-(3-((6-amino-2'-(benzyloxy)-[5,5'-bipyrimidin]-4-yl)oxy)phenyl)acrylamide
"A262"	1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)pyrrolidin-1-yl)prop-2-en-1-one
"A263"	1-(4-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)-5,6-dihydropyridin-1(2H)-yl)prop-2-en-1-one
"A264"	N-(3-((6-amino-5-(4-((4-methoxybenzyl)oxy)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A265"	(E)-N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)-4-morpholinobut-2-enamide
"A266"	N-((1s,4s)-4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A267"	N-(3-(4-((4-phenoxyphenyl)amino)pyridin-3-yl)phenyl)acrylamide
"A268"	N-(3-((6-amino-5-(6-phenoxypyridin-3-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A269"	1-(3-((6-amino-5-(4-(benzyloxy)phenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one

"A270"	N-(3-((3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)acrylamide
"A271"	N-(3-((2-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A272"	3-(3-acrylamidophenyl)-4-(4-phenoxyphenoxy)picolinamide
"A273"	1-(3-(4-amino-6-((4-phenoxyphenyl)amino)pyrimidin-5-yl)-5,6-dihydropyridin-1(2H)-yl)prop-2-en-1-one
"A274"	(E)-N-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)-4-morpholinobut-2-enamide
"A275"	(S)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A276"	N-((1r,4r)-4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)cyclohexyl)acrylamide
"A277"	N-(3-((6-amino-5-(4-fluoro-3-methoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A278"	N-(3-((6-amino-5-(4-(2-hydroxypropan-2-yl)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A279"	1-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)-5,6-dihydropyridin-1(2H)-yl)prop-2-en-1-one
"A280"	N-(4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A281"	N-(4-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)acrylamide
"A282"	(E)-4-(dimethylamino)-N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)but-2-enamide
"A283"	N-(3-(4-((4-phenoxyphenyl)amino)pyrimidin-5-yl)phenyl)acrylamide
"A284"	1-(3-((5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A285"	N-(3-((6-amino-5-(4-(pyrrolidine-1-carbonyl)phenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A286"	1-(3-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one

"A287"	N-(4-(4-(4-phenoxyphenoxy)pyridin-3-yl)benzyl)acrylamide
"A288"	1-(4'-(4-phenoxyphenoxy)-5,6-dihydro-[3,3'-bipyridin]-1(2H)-yl)prop-2-en-1-one
"A289"	N-(3-((6-amino-5-(4-isopropoxyphenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A290"	(E)-N-(4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)-4-(dimethylamino)but-2-enamide
"A291"	N-(3-((6-amino-5-(5-methoxypyridin-3-yl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A292"	1-(4-(((6-amino-5-(4-(benzyloxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A293"	(E)-4-morpholino-N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)but-2-enamide
"A294"	N-(3-((6-amino-5-(4-(benzyloxy)-2,6-difluorophenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A295"	(E)-N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)-4-(4-(5-((4S)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanoyl)piperazin-1-yl)but-2-enamide
"A296"	N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)but-2-ynamide
"A297"	N-(4-((3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)acrylamide
"A298"	N-(1-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)piperidin-3-yl)acrylamide
"A299"	1-(4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)piperidin-1-yl)prop-2-en-1-one
"A300"	3-(3-aminophenyl)-4-(4-phenoxyphenoxy)pyridin-2-amine
"A301"	(E)-N-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)-4-(3,3-difluoropiperidin-1-yl)but-2-enamide
"A302"	N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)benzyl)acrylamide
"A303"	6-(4-aminophenoxy)-5-(4-phenoxyphenyl)pyrimidin-4-amine
"A304"	N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)benzyl)but-2-ynamide

"A305"	6-(3-aminophenoxy)-5-(4-phenoxyphenyl)pyrimidin-4-amine
"A306"	N-(3-(2-amino-4-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)acrylamide
"A307"	(E)-N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)but-2-enamide
"A308"	N-(4-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)propionamide
"A309"	N-((1-(6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)piperidin-3-yl)methyl)acrylamide
"A310"	N-(3-(2-amino-4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)propionamide
"A311"	(R)-N-(3-(4-amino-6-((1-phenylethyl)amino)pyrimidin-5-yl)phenyl)acrylamide
"A312"	3-(4-(4-phenoxyphenoxy)pyridin-3-yl)aniline
"A313"	4-(3-aminophenoxy)-3-(4-phenoxyphenyl)pyridin-2-amine
"A314"	4-(4-(4-phenoxyphenoxy)pyridin-3-yl)aniline
"A315"	(4-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)methanamine
"A316"	(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)methanamine
"A317"	5-(3-aminophenyl)-6-(4-phenoxyphenoxy)pyrimidin-4-amine
"A318"	N-(3-((3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)propionamide
"A319"	N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)propionamide
"A320"	N-(4-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)propionamide
"A321"	N-(4-((3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)propionamide
"A322"	N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)phenyl)methacrylamide
"A323"	N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)benzyl)propionamide
"A324"	N-(4-(4-(4-phenoxyphenoxy)pyridin-3-yl)benzyl)propionamide

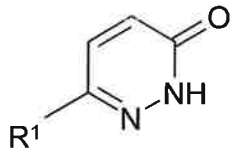
"A325"	N-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)propionamide
"A326"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)propionamide
"A327"	(E)-N-(3-(4-(4-phenoxyphenoxy)pyridin-3-yl)benzyl)but-2-enamide
"A328"	3-(4-phenoxyphenyl)-4-(3-propionamidophenoxy)picolinamide
"A329"	N-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)phenyl)-1-cyanocyclopropanecarboxamide
"A330"	N-(3-(4-amino-6-(4-phenoxyphenoxy)pyrimidin-5-yl)phenyl)-1-cyanocyclopropanecarboxamide
"A331"	(E)-3-(7-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)naphthalen-2-yl)-N,N-dimethylacrylamide
"A332"	1-(4-(1-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)ethyl)piperidin-1-yl)prop-2-en-1-one
"A333"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)propan-1-one
"A334"	1-(4-(((5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A335"	1-(4-(((6-amino-5-(4-(pyridin-2-yloxy)phenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)prop-2-en-1-one
"A336"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)methyl)piperidin-1-yl)but-2-yn-1-one
"A337"	N4-((1-(6-chloropyridin-2-yl)piperidin-4-yl)methyl)-5-(4-phenoxyphenyl)pyrimidine-4,6-diamine
"A338"	1-(4-(((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)oxy)methyl)piperidin-1-yl)prop-2-en-1-one
"A339"	N-(3-((6-amino-5-(4-(benzyloxy)-2,5-difluorophenyl)pyrimidin-4-yl)oxy)phenyl)acrylamide
"A340"	N-(3-((2-amino-3-(4-phenoxyphenyl)pyridin-4-yl)oxy)phenyl)but-2-ynamide

"A341"	(R)-1-(3-((6-amino-5-(4-phenoxyphenyl)pyrimidin-4-yl)amino)pyrrolidin-1-yl)but-2-yn-1-one
"A342"	N-{3-[6-Amino-5-(4-phenoxy-phenyl)-pyrimidin-4-yloxy]-phenyl}-2-chloroacetamide
"A343"	N-(3-{6-Amino-5-[4-(2-fluoro-benzyloxy)-phenyl]-pyrimidin-4-yloxy}-phenyl)-acrylamide
"A344"	N-(3-{6-Amino-5-[4-(4-fluoro-benzyloxy)-phenyl]-pyrimidin-4-yloxy}-phenyl)-acrylamide
"A345"	N-(3-{6-Amino-5-[4-(3-fluoro-benzyloxy)-phenyl]-pyrimidin-4-yloxy}-phenyl)-2-chloro-acetamide
"A346"	N-{3-[6-Amino-5-(4-benzyloxy-phenyl)-pyrimidin-4-yloxy]-phenyl}-propionamide
"A347"	N-{3-[6-Amino-5-(4-benzyloxy-phenyl)-pyrimidin-4-yloxy]-phenyl}-2-chloro-acetamide
"A348"	N-{3-[6-Amino-5-(4-benzyloxy-3-fluoro-phenyl)-pyrimidin-4-yloxy]-phenyl}-acrylamide
"A349"	N-{3-[6-Amino-5-(4-benzyloxy-2-fluoro-phenyl)-pyrimidin-4-yloxy]-phenyl}-acrylamide
"A350"	N-{3-(6-Amino-5-(4-benzyloxy-2-fluoro-phenyl)-pyrimidin-4-yloxy} - phenyl)-2-chloro-acetamide
"A351"	N-{3-[6-Amino-5-(4-benzyloxy-3-fluoro-phenyl)-pyrimidin-4-yloxy]-phenyl}-2-chloro-acetamide
"A352"	N-{4-[4-(3-Acryloylamino-phenoxy)-6-amino-pyrimidin-5-yl]-phenyl}-benzamide

and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.

10. Process for the preparation of compounds of the formula I according to Claims 1-9 and pharmaceutically usable salts, tautomers and stereoisomers thereof, characterised in that:

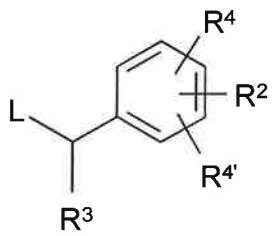
a) a compound of the formula A



A

in which R^1 has the meaning indicated in Claim 1,

is reacted with a compound of the formula B



B

in which R^2, R^3, R^4 and $R^{4'}$ have the meanings indicated in Claim 1 and L denotes Cl, Br, I or a free or reactively functionally modified OH group, and/or a base or acid of the formula A is converted into one of its salts.

11. Medicaments comprising at least one compound of the formula I according to Claim 1-9 and/or pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios, and optionally excipients and/or adjuvants.

12. Use of compounds according to Claim 1-9 and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios, for the preparation of a medicament for the treatment of diseases in which the inhibition, regulation and/or modulation of kinase signal transduction plays a role.

13. Use according to Claim 12 of compounds according to Claim 1-9 and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios, for the preparation of a medicament

for the treatment of diseases which are influenced by inhibition of tyrosine kinases by the compounds according to Claim 1-14.

14. Use according to Claim 12 for the preparation of a medicament for the treatment of diseases which are influenced by inhibition of Met kinase by the compounds according to Claim 1-9.

15. Use according to Claim 13 or 14, where the disease to be treated is a solid tumour.

16. Use according to Claim 15, where the solid tumour originates from the group of tumours of the squamous epithelium, the bladder, the stomach, the kidneys, of head and neck, the oesophagus, the cervix, the thyroid, the intestine, the liver, the brain, the prostate, the urogenital tract, the lymphatic system, the stomach, the larynx and/or the lung.

17. Use according to Claim 15, where the solid tumour originates from the group monocytic leukaemia, lung adenocarcinoma, small-cell lung carcinomas, pancreatic cancer, glioblastomas and breast carcinoma.

18. Use according to Claim 15, where the solid tumour originates from the group of lung adenocarcinoma, small-cell lung carcinomas, pancreatic cancer, glioblastomas, colon carcinoma and breast carcinoma.

19. Use according to Claim 13 or 14, where the disease to be treated is a tumour of the blood and immune system.

20. Use according to Claim 19, where the tumour originates from the group of acute myeloid leukaemia, chronic myeloid leukaemia, acute lymphatic leukaemia and/or chronic lymphatic leukaemia.

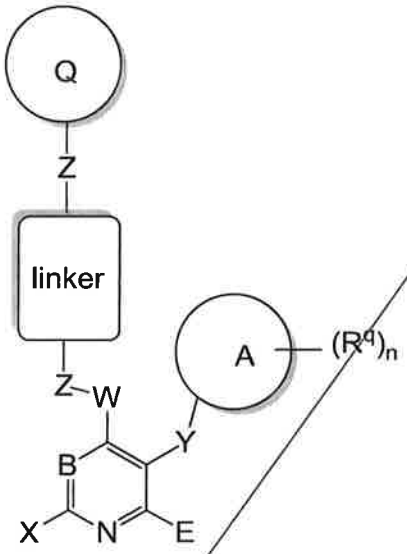
21. Medicaments comprising at least one compound of the formula I according to one or more of Claims 1 to 9 and/or pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios, and at least one further medicament active ingredient.

22. Set (kit) consisting of separate packs of

(a) an effective amount of a compound of the formula I according to one or more of Claims 1 to 9 and/or pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios,
and

(b) an effective amount of a further medicament active ingredient.

23. Compounds of the formula II



Formula (II),

wherein:

X	is H or CH_3 or NH_2,
Y	is H, Hal or is absent,
B	is N or CH,
E	is NH_2 or H,
W	is NR, O or a cyclic amine,
Z	is, independently, CH_2, CH_3, CH_2-CH_2, CH-CH_2, H, NH or is absent,
"linker"	is $(CH_2)_n$, wherein: $_n$ is 1, 2 or 3or an optionally substituted group selected from a phenyl ring, an aryl ring, heteroaryl ring, branched or unbranched alkyl group, a 5-6 membered monocyclic heteroaryl ring having 1-4 heteroatoms independently selected from nitrogen, or oxygen, a 4-7 membered saturated or partially unsaturated heterocycle having 1-3 heteroatoms independently selected from

nitrogen, or oxygen, or a 7-10 membered bicyclic saturated or partially unsaturated heterocyclic ring having 1-5 heteroatoms independently selected from nitrogen, or oxygen, or a 7-10 membered bicyclic saturated or partially unsaturated heterocyclic ring having 1-5 heteroatoms attached to a hetero saturated ring. Linkers may also be cycloalkanes optionally substituted by heteroatoms (independently selected from nitrogen, or oxygen), cycloalkanes optionally substituted with -NH or OH, fused or bridged rings or optionally substituted spirocyclic rings that optionally contain heteroatoms,

A is a mono- or bicyclic aromatic homo- or heterocycle having 0, 1, 2, 3 or 4 N, and/or O atoms and 5, 6, 7, 8, 9, or 10 skeleton C atoms, which may be unsubstituted or, independently of one another, mono-, di- or trisubstituted by Hal, OH or OR,

Hal is F, Cl, Br or I,

R is independently hydrogen, oxygen or an optionally substituted group selected from C_{1-6} linear or cyclic aliphatic, benzyl, phenyl, a phenyl group optionally substituted with 1, 2 or 3 O atoms, a 4-7 membered heterocylic ring having 1-2 heteroatoms independently selected from nitrogen, oxygen, or a 5-6 membered monocyclic heteroaryl ring having 1-4 heteroatoms independently selected from nitrogen, or oxygen or a mono- or bicyclic aromatic homo- or heterocycle having 0, 1, 2, 3 or 4 N, O atoms and 5, 6, 7, or 8 C skeleton atoms, which may be unsubstituted or, independently of one another, mono-, di- or trisubstituted by Hal, A, OH, NH_2, nitrile, and/or $CH(Hal)_3$ or is an unbranched or branched linear alkyl having 1, 2, 3, 4, 5, 6, 7 or 8 C atoms, in which one or two CH_2 groups may be replaced by an O atom and/or by an –NH-, -CO-, -NHCOO-, -NHCONH-, -CONH-, -NHCO- or –CH=CH– group, and in which 1-3 H atoms may be replaced by Hal,

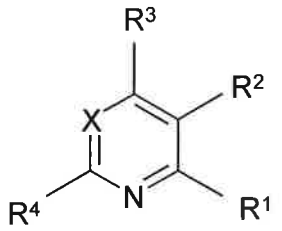
R^q is selected from --R, --A, halogen, --OR, --$O(CH_2)_rOR$, --R(NH), --NO_2, --C(O)R, --CO_2R, --$C(O)N(R)_2$, --NRC(O)R, --$NRC(O)NR_2$, --$NRSO_2R$, or --$N(R)_2$,

r is 1-4,

n is 0-4, and

Q is an electrophilic group.

24. Compounds of the formula V



V

in which:

X denotes CH or N,

R^1 denotes $NR^5[C(R^5)_2]_nHet^2$,

R^2 denotes Hal, Ar^1 or Het^1,

R^3 denotes NH_2,

R^4 denotes H, CH_3 or NH_2,

R^5 denotes H or alkyl having 1, 2, 3 or 4 C atoms,

R^6 $N(R^5)_2CH_2CH=CHCONH$, $Het^3CH_2CH=CHCONH$, $CH_2=CHCONH(CH_2)_n$, $Het^4(CH_2)_nCOHet^3$-diyl-$CH_2CH=CHCONH$, $HC\equiv CCO$, $CH_3C\equiv CCO$, $CH_2=CH-CO$, $CH_2=C(CH_3)CONH$, $CH_3CH=CHCONH(CH_2)_n$, $N\equiv CCR^7R^8CONH(CH_2)_n$, $Het^4NH(CH_2)_pCOHet^3$-diyl-$CH_2CH=CHCONH$, $Het^4(CH_2)_pCONH(CH_2CH_2O)_p(CH_2)_pCOHet^3$-diyl-$CH_2CH=CHCONH$, $CH_2=CHSO_2$, ACH=CHCO, $CH_3CH=CHCO$, $Het^4(CH_2)_pCONH(CH_2)_pHet^3$-diyl-$CH_2CH=CHCONH$, $Ar^3CH=CHSO_2$, $CH_2=CHSO_2NH$ or $N(R^5)CH_2CH=CHCO$,

R^7, R^8 denote together alkylene having 2, 3, 4, or 5 C atoms,

Ar^1 denotes phenyl or naphthyl, each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Hal, $(CH_2)_nNH_2$, $CONHAr^3$, $(CH_2)_nNHCOA$, $O(CH_2)_nAr^3$, OCyc, A, $COHet^3$, OA and/or $OHet^3$ (CH_2),

Ar^2	denotes phenyl, naphthyl or pyridyl each of which is unsubstituted or mono-, di- or trisubstituted by R^6, Hal, OAr^3, $(CH_2)_nNH_2$, $(CH_2)_nNHCOA$ and/or Het^3,
Ar^3	denotes phenyl, which is unsubstituted or mono-, di- or trisubstituted by OH, OA, Hal, CN and/or A,
Het^1	denotes a mono-or bicyclic saturated, unsaturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by R^6, $O(CH_2)_nAr^3$ and/or $(CH_2)_nAr^3$,
Het^2	denotes a mono-or bicyclic saturated heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by R^6, Het^3, $CycSO_2$, OH, Hal, COOH, OA, COA, $COHet^3$, CycCO, SO_2 and/or =O,
Het^3	denotes a monocyclic unsaturated, saturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di- or trisubstituted by Hal, A and/or =O,
Het^4	denotes a bi- or tricyclic unsaturated, saturated or aromatic heterocycle having 1 to 4 N, O and/or S atoms, which may be unsubstituted or mono-, di-, tri- or tetrasubstituted by A, NO_2, Hal and/or =O,
Cyc	denotes cyclic alkyl having 3, 4, 5 or 6 C atoms, which is unsubstituted, monosubstituted or disubstituted by R^6 and/or OH and which may comprise a double bond,
A	denotes unbranched or branched alkyl having 1-10 C atoms, in which 1-7 H atoms may be replaced by F and/or Cl and/or in which one or two non-adjacent CH_2 and/or CH-groups may be replaced by O, NH and/or by N,
Hal	denotes F, Cl, Br or I,
n	denotes 0, 1, 2, 3 or 4,
p	denotes 1, 2, 3, 4, 5 or 6,

and pharmaceutically usable salts, tautomers and stereoisomers thereof, including mixtures thereof in all ratios.