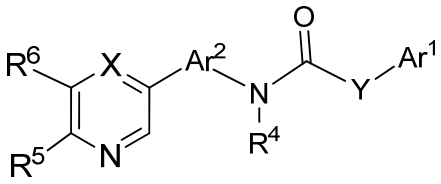
growth and survival. As such, compounds which inhibit PERK are believed to be useful in treating cancer.

SUMMARY ~~OF THE INVENTION~~

[0010] ~~Embodiments~~ Examples of the present ~~invention~~ disclosure provide a compound having the structure (I):



(I)

wherein:

Ar^1 is aryl, heteroaryl, or cycloalkyl, optionally substituted by one or more independent R^1 substituents;

Ar^2 is aryl or heteroaryl, optionally substituted by one or more independent R^2 substituents;

Y is $C(R^{3a})(R^{3b})C_{0\text{-}6}$alkyl, NR^{3a}, -O-, C(O), CF_2, $CNOR^{3bb}$, or a direct bond to Ar^1;

R^{3a} is H, alkyl, or cycloalkyl;

R^{3b} is H, alkyl, OR^{3c}, or $NR^{3d}R^{3e}$;

R^{3bb} is H or alkyl;

R^4 is H, alkyl, or OH;

X is CR^7 or N;

R^1 is one or more independent H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl, $C_{0\text{-}6}$alkyl-O-$C_{1\text{-}12}$alkyl, $C_{0\text{-}6}$alkyl-OH, $C_{0\text{-}6}$alkyl-O-$C_{3\text{-}12}$cycloalkyl, or $C_{0\text{-}6}$alkyl-O-$C_{3\text{-}12}$heterocycloalkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent H, deuterium, halo, CN, NO_2, alkyl, $C_{0\text{-}6}$alkylcycloalkyl, $C_{0\text{-}6}$alkyl-O-$C_{1\text{-}12}$alkyl, $C_{0\text{-}6}$alkyl-OH, or $C_{0\text{-}6}$alkyl-O-$C_{3\text{-}12}$cycloalkyl, optionally substituted by one or more independent G^2 substituents;

R^{3c}, R^{3d} and R^{3e} are each independently H, alkyl, or cycloalkyl, optionally substituted by one or more independent G^3 substituents;

R^5 is H, CH_3, NHR^9, or OR^9;

R^6 is H, alkyl, CO_2R^{8a}, or $CO(NR^{8a}R^{8b})$;

R^7 is H, CN, or alkyl, optionally substituted by one or more independent deuterium or halo;

R^{8a} and R^{8b} are each independently H, C_{1-12}alkyl, C_{0-12}alkylC_{3-12}cycloalkyl, or C_{0-12}alkylC_{3-12}heterocycloalkyl, optionally substituted by one or more independent G^4 substituents; or

R^{8a} and R^{8b} taken together with the nitrogen to which they are attached form 5-10 membered heterocyclyl;

R^9 is H, alkyl, cycloalkyl, or heterocycloalkyl;

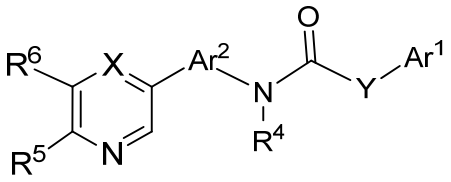
G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-12}alkyl, C_{0-12}alkylC_{3-12}cycloalkyl, C_{0-12}alkylC_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

In one aspect of the present disclosure, there is provided a compound of the formula (I):



(I)

wherein:

Ar^1 is aryl, heteroaryl, or cycloalkyl, optionally substituted by one or more independent R^1 substituents;

Ar^2 is aryl or heteroaryl, optionally substituted by one or more independent R^2 substituents;

Y is $C(R^{3a})(R^{3b})C_{0-6}$alkyl, NR^{3a}, -O-, C(O), CF_2, $CNOR^{3bb}$, or a direct bond to Ar^1;

R^{3a} is H, alkyl, or cycloalkyl;

R^{3b} is H, alkyl, OR^{3c}, or $NR^{3d}R^{3e}$;

R^{3bb} is H or alkyl;

R^4 is H, alkyl, or OH;

X is CR^7 or N;

R^1 is one or more independent H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl, C_{0-6}alkyl-O-C_{1-12}alkyl, C_{0-6}alkyl-OH, C_{0-6}alkyl-O-C_{3-12}cycloalkyl, or C_{0-6}alkyl-O-C_{3-12}heterocycloalkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent H, deuterium, halo, CN, NO_2, alkyl, C_{0-6}alkylcycloalkyl, C_{0-6}alkyl-O-C_{1-12}alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{3-12}cycloalkyl, optionally substituted by one or more independent G^2 substituents;

R^{3c}, R^{3d} and R^{3e} are each independently H, alkyl, or cycloalkyl, optionally substituted by one or more independent G^3 substituents;

R^5 is H, CH_3, NHR^9, or OR^9;

R^6 is H, alkyl, CO_2R^{8a}, or $CO(NR^{8a}R^{8b})$;

R^7 is H, CN, or alkyl, optionally substituted by one or more independent deuterium or halo;

R^{8a} and R^{8b} are each independently H, C_{1-12}alkyl, C_{0-12}alkyl-C_{3-12}cycloalkyl, or C_{0-12}alkyl-C_{3-12}heterocycloalkyl, optionally substituted by one or more independent G^4 substituents; or

R^{8a} and R^{8b} taken together with the nitrogen to which they are attached form 5-10 membered heterocyclyl;

R^9 is H, alkyl, cycloalkyl, or heterocycloalkyl;

G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-12}alkyl, C_{0-12}alkyl-C_{3-12}cycloalkyl, C_{0-12}alkyl-C_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substitued by one or more independent H, deuterium, halo, OH, CN, or NO_2;

R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

In another aspect of the present disclosure, there is provided a compound selected from the group consisting of:

2-amino-5-(4-(2-hydroxy-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-hydroxy-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-5-(4-(2-hydroxy-2-phenylpropanamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-phenylpropanamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-phenylpropanamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-*N*-isopropyl-5-(4-(2-methoxy-2-phenylacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-*N*-isopropyl-5-(4-(2-methoxy-2-phenylacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-*N*-isopropyl-5-(4-(2-methoxy-2-phenylacetamido)-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-amino-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-amino-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-amino-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-ethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-ethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-ethylnicotinamide;

2-amino-*N*-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-*N*-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-*N*-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
2-amino-*N*-(*tert*-butyl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-*N*-(*tert*-butyl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-*N*-(*tert*-butyl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(2,2,2-trifluoroethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(2,2,2-trifluoroethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(2,2,2-trifluoroethyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isobutylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isobutylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isobutylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*,*N*-dimethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*,*N*-dimethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*,*N*-dimethylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(oxetan-3-yl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(oxetan-3-yl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(oxetan-3-yl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-hydroxycyclobutyl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-hydroxycyclobutyl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-hydroxycyclobutyl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-methoxycyclobutyl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-methoxycyclobutyl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-methoxycyclobutyl)nicotinamide,

3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylpyrazine-2-carboxamide;

(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylpyrazine-2-carboxamide;

(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylpyrazine-2-carboxamide;

3-amino-*N*-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;

(*R*)-3-amino-*N*-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;

(*S*)-3-amino-*N*-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinic acid;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinic acid;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinic acid;

isopropyl 2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinate;

(*R*)-isopropyl 2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-

methylphenyl)nicotinate;
(*S*)-isopropyl 2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinate;
2-amino-N-(azetidin-3-yl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-N-(azetidin-3-yl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-N-(azetidin-3-yl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(1-methylazetidin-3-yl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(1-methylazetidin-3-yl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(1-methylazetidin-3-yl)nicotinamide;
2-amino-N-cyclobutyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-N-cyclobutyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-N-cyclobutyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-

methoxyethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)nicotinamide;
N-(4-(6-amino-5-(2,6-diazaspiro[3.3]heptane-2-carbonyl)pyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;
(*R*)-N-(4-(6-amino-5-(2,6-diazaspiro[3.3]heptane-2-carbonyl)pyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;
(*S*)-N-(4-(6-amino-5-(2,6-diazaspiro[3.3]heptane-2-carbonyl)pyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;
2-amino-5-(4-(2-hydroxy-2-(o-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-(o-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-(o-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-hydroxy-2-(m-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-(m-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-(m-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-ethylphenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3-ethylphenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3-ethylphenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(2,3-dihydrobenzofuran-7-yl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(2,3-dihydrobenzofuran-7-yl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(2,3-dihydrobenzofuran-7-yl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-hydroxy-2-(1-methyl-1H-indazol-7-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-(1-methyl-1H-indazol-7-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-(1-methyl-1H-indazol-7-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-hydroxy-2-(2-methylthiazol-4-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-(2-methylthiazol-4-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-(2-methylthiazol-4-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-(methylamino)nicotinamide;
(*R*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-(methylamino)nicotinamide;

(*S*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-(methylamino)nicotinamide;
5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-methylnicotinamide;
(*R*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-methylnicotinamide;
(*S*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-methylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-N,2-dihydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-N,2-dihydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-N,2-dihydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-(methylamino)pyridin-3-yl)phenyl)acetamide;
(*R*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-(methylamino)pyridin-3-yl)phenyl)acetamide;
(*S*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-(methylamino)pyridin-3-yl)phenyl)acetamide;
N-(4-(6-aminopyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;
(*R*)-N-(4-(6-aminopyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;
(*S*)-N-(4-(6-aminopyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;
2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-methylpyridin-3-yl)phenyl)acetamide;
(*R*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-methylpyridin-3-yl)phenyl)acetamide;

(*S*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-methylpyridin-3-yl)phenyl)acetamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-ethylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-ethylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-ethylnicotinamide;
2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
2-amino-5-(2-chloro-4-(2-(3-chlorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3-chlorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3-chlorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

2-amino-5-(2-chloro-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;

2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)nicotinamide;
(*R*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)nicotinamide;
(*S*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)nicotinamide;
2-amino-5-(2-ethyl-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-ethyl-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-ethyl-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-ethyl-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylnicotinamide;
2-amino-5-(2-ethyl-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methoxyphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methoxyphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methoxyphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-(trifluoromethoxy)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-(trifluoromethoxy)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-(trifluoromethoxy)phenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-ethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-ethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-ethylnicotinamide;
2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)nicotinamide;
(*R*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)nicotinamide;
(*S*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-(oxetan-3-yl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-(oxetan-3-yl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-(oxetan-3-yl)nicotinamide;
2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluorophenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluorophenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluorophenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-5-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-5-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-5-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2,2-difluoro-2-phenylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-oxoacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(6-methylpyridin-2-yl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-phenylacetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(3-phenylpropanamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(2-fluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-fluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(4-fluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(4-(2-(2-methoxyphenyl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(3-methoxyphenyl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(4-methoxyphenyl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(o-tolyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(m-tolyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(p-tolyl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(2-chlorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-chlorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(4-chlorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(2-(trifluoromethyl)phenyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(4-(trifluoromethyl)phenyl)acetamido)phenyl)nicotinamide;

2-amino-5-(4-(2-(2-ethylphenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-ethylphenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(4-ethylphenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(naphthalen-1-yl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(naphthalen-2-yl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(quinolin-6-yl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(isoquinolin-4-yl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(isoquinolin-5-yl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(quinolin-5-yl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-cyclopropylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-cyclobutylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-cyclopentylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-cyclohexylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-benzamido-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(3-methyl-3-phenylureido)phenyl)nicotinamide;
phenyl (4-(6-amino-5-(isopropylcarbamoyl)pyridin-3-yl)-3-methylphenyl)carbamate;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-methylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-methylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-methylpyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;

3-amino-N-cyclobutyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-N-cyclobutyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-N-cyclobutyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)pyrazine-2-carboxamide;

(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylpyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylpyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
3-amino-6-(2-ethyl-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;

(*R*)-3-amino-6-(2-ethyl-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;

(*S*)-3-amino-6-(2-ethyl-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;

3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;

(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;

(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;

3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;

(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;

(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;

3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylpyrazine-2-carboxamide;

(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylpyrazine-2-carboxamide;

(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylpyrazine-2-carboxamide;

3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;

(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;

(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;

or a pharmaceutically acceptable salt thereof.

In a further aspect of the present disclosure, there is provided a pharmaceutical composition, comprising a compound or a pharmaceutically acceptable salt thereof disclosed herein with one or more pharmaceutically acceptable carriers, diluents, or excipients.

In another aspect of the present disclosure, there is provided a use of a compound disclosed herein, or a pharmaceutical composition disclosed herein, or a pharmaceutically

acceptable salt thereof, in the manufacture of a medicament for treating cancer in a patient.

In a further aspect of the present disclosure, there is provided a compound or pharmaceutically acceptable salt thereof disclosed herein, or a pharmaceutical composition disclosed herein, for use in therapy.

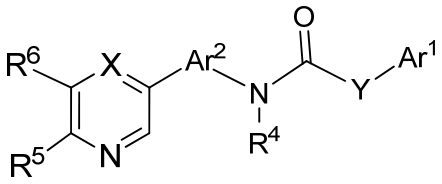
In another aspect of the present disclosure, there is provided a compound or pharmaceutically acceptable salt thereof disclosed herein, or a pharmaceutical composition disclosed herein for use in the treatment of cancer.

In a further aspect of the present disclosure, there is provided a use of a PERK kinase modulating compound disclosed herein, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for treating a disease in a patient in need of such treatment, wherein the disease is cancer.

DETAILED DESCRIPTION OF THE INVENTION

[0011] With the current state of medical treatment, patients developing cancer often have a poor prognosis even if the disease is detected early. As such, there remains a significant need for new and effective therapies to treat cancer. The compounds of the present invention are inhibitors of PERK, and are believed to be useful in treating cancer.

[0012] The present invention provides a compound having the structure (I):

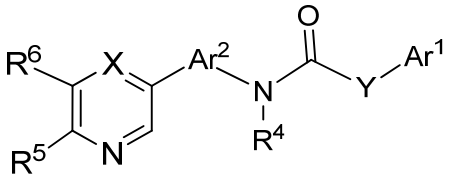


(I)

wherein:

What is claimed is:

1. A compound of the formula (**I**):



(I)

wherein:

Ar^1 is aryl, heteroaryl, or cycloalkyl, optionally substituted by one or more independent R^1 substituents;

Ar^2 is aryl or heteroaryl, optionally substituted by one or more independent R^2 substituents;

Y is $C(R^{3a})(R^{3b})C_{0\text{-}6}$alkyl, NR^{3a}, -O-, C(O), CF_2, $CNOR^{3bb}$, or a direct bond to Ar^1;

R^{3a} is H, alkyl, or cycloalkyl;

R^{3b} is H, alkyl, OR^{3c}, or $NR^{3d}R^{3e}$;

R^{3bb} is H or alkyl;

R^4 is H, alkyl, or OH;

X is CR^7 or N;

R^1 is one or more independent H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl, $C_{0\text{-}6}$alkyl-O-$C_{1\text{-}12}$alkyl, $C_{0\text{-}6}$alkyl-OH, $C_{0\text{-}6}$alkyl-O-$C_{3\text{-}12}$cycloalkyl, or $C_{0\text{-}6}$alkyl-O-$C_{3\text{-}12}$heterocycloalkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent H, deuterium, halo, CN, NO_2, alkyl, $C_{0\text{-}6}$alkylcycloalkyl, $C_{0\text{-}6}$alkyl-O-$C_{1\text{-}12}$alkyl, $C_{0\text{-}6}$alkyl-OH, or $C_{0\text{-}6}$alkyl-O-$C_{3\text{-}12}$cycloalkyl, optionally substituted by one or more independent G^2 substituents;

R^{3c}, R^{3d} and R^{3e} are each independently H, alkyl, or cycloalkyl, optionally substituted by one or more independent G^3 substituents;

R^5 is H, CH_3, NHR^9, or OR^9;

R^6 is H, alkyl, CO_2R^{8a}, or $CO(NR^{8a}R^{8b})$;

R^7 is H, CN, or alkyl, optionally substituted by one or more independent deuterium or halo;

R^{8a} and R^{8b} are each independently H, $C_{1\text{-}12}$alkyl, $C_{0\text{-}12}$alkyl-$C_{3\text{-}12}$cycloalkyl, or $C_{0\text{-}12}$alkyl-$C_{3\text{-}12}$heterocycloalkyl, optionally substituted by one or more independent G^4

substituents; or

R^{8a} and R^{8b} taken together with the nitrogen to which they are attached form 5-10 membered heterocyclyl;

R^9 is H, alkyl, cycloalkyl, or heterocycloalkyl;

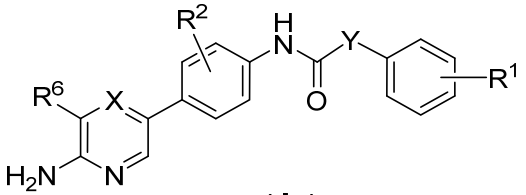
G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-12}alkyl, C_{0-12}alkyl-C_{3-12}cycloalkyl, C_{0-12}alkyl-C_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substitued by one or more independent H, deuterium, halo, OH, CN, or NO_2;

R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

2. The compound of claim 1 of the formula (**Ia**):



(**Ia**)

wherein:

Y is $CR^{3a}R^{3b}$;

R^{3a} is H or alkyl;

R^{3b} is OR^{3c} or $NR^{3d}R^{3e}$;

R^1 is one or more independent H, deuterium, halo, alkyl, cycloalkyl, C_{0-6}alkyl-O-C_{1-12}alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{3-12}cycloalkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent H, deuterium, halo, alkyl, C_{0-6}alkylcycloalkyl, C_{0-6}alkyl-O-C_{1-12}alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{3-12}cycloalkyl, optionally substituted by one or more independent G^2 substituents;

R^{3c}, R^{3d} and R^{3e} are each independently H or alkyl, optionally substituted by one or more independent G^3 substituents;

X is CR^7 or N;

R^6 is H, alkyl, CO_2R^{8a}, or $CO(NR^{8a}R^{8b})$;

R^7 is H, CN, or alkyl, optionally substituted by one or more independent deuterium or halo;

R^{8a} and R^{8b} are each independently H, C_{1-12}alkyl, C_{0-12}alkylC_{3-12}cycloalkyl, or C_{0-12}alkylC_{3-12}heterocycloalkyl, optionally substituted by one or more independent G^4 substituents;

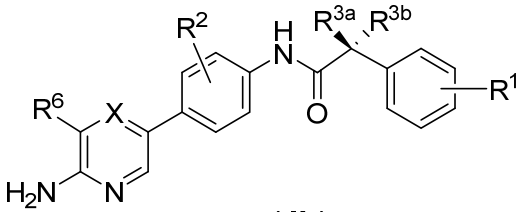
G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-12}alkyl, C_{0-12}alkylC_{3-12}cycloalkyl, C_{0-12}alkylC_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(=O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

3. The compound of any one of the preceding claims of the formula (**Ib**):



(**Ib**)

wherein:

X is CH or N;

R^1 is one or more independent H, deuterium, halo, alkyl, cycloalkyl, C_{0-6}alkyl-O-C_{1-12}alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{3-12}cycloalkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent H, deuterium, halo, alkyl, cycloalkyl, C_{0-6}alkyl-O-C_{1-}

$_{12}$alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{3-12}cycloalkyl, optionally substituted by one or more independent G^2 substituents;

R^{3a} is H or alkyl;

R^{3b} is OR^{3c} or $NR^{3d}R^{3e}$;

R^{3c}, R^{3d} and R^{3e} are each independently H or alkyl, optionally substituted by one or more independent G^3 substituents;

R^6 is CO_2R^{8a} or $CO(NR^{8a}R^{8b})$;

R^{8a} and R^{8b} are each independently H, C_{1-12}alkyl, C_{3-12}cycloalkyl, or C_{3-12}heterocycloalkyl, optionally substituted by one or more independent G^4 substituents;

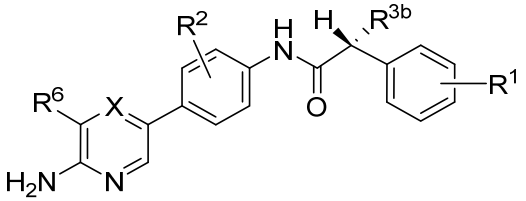
G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-12}alkyl, C_{3-12}cycloalkyl, C_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

4. The compound of any one of the preceding claims of the formula (**Ic**):



(**Ic**)

wherein:

X is CH or N;

R^1 is one or more independent H, deuterium, halo, alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{1-12}alkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent H, deuterium, halo, alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{1-12}alkyl, optionally substituted by one or more independent G^2 substituents;

R^{3b} is OR^{3c};

R^{3c} is H or alkyl, optionally substituted by one or more independent G^3 substituents;

R^6 is $CO(NR^{8a}R^{8b})$;

R^{8a} and R^{8b} are each independently H, C_{1-12}alkyl, C_{0-12}alkylC_{3-12}cycloalkyl, or C_{0-12}alkylC_{3-12}heterocycloalkyl, optionally substituted by one or more independent G^4 substituents;

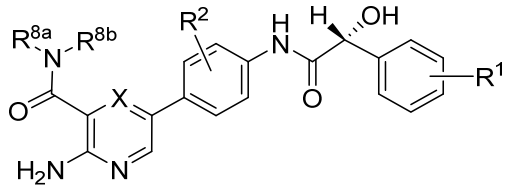
G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-12}alkyl, C_{3-12}cycloalkyl, C_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

5. The compound of any one of the preceding claims of the formula (**Id**):



(**Id**)

wherein:

X is CH or N;

R^1 is one or more independent H, deuterium, halo, alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{1-12}alkyl, optionally substituted by one or more independent H, deuterium, or halo;

R^2 is one or more independent H, deuterium, halo, alkyl, C_{0-6}alkyl-OH, or C_{0-6}alkyl-O-C_{1-12}alkyl, optionally substituted by one or more independent H, deuterium or halo;

R^{8a} and R^{8b} are each independently H, C_{1-12}alkyl, C_{3-12}cycloalkyl, or C_{3-12}heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, C_{1-12}alkyl, C_{3-12}cycloalkyl, C_{3-12}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$,

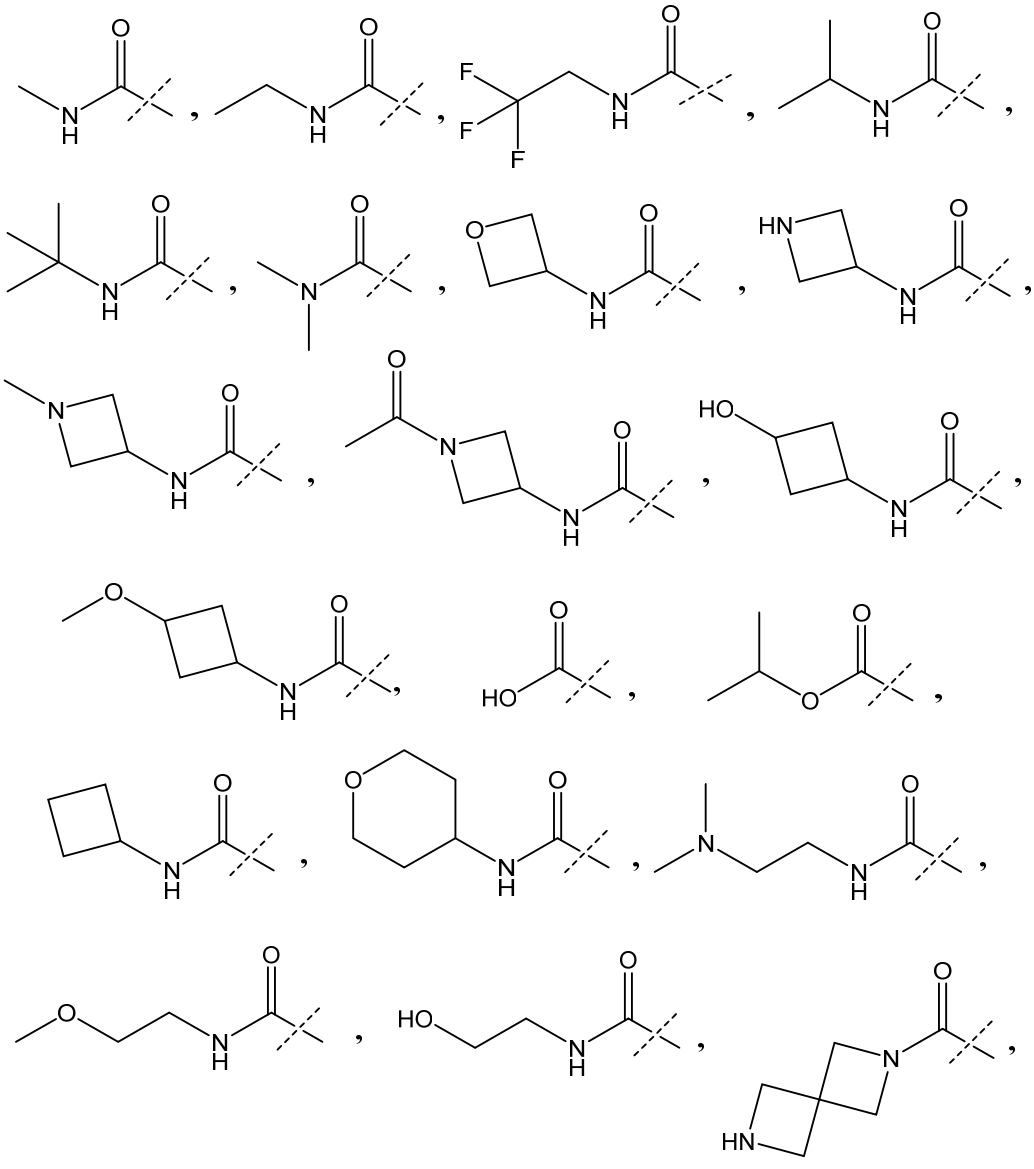
$N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$;

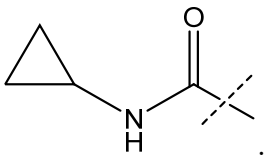
R^{10}, R^{11}, or R^{12} are each independently selected from H, deuterium, halo, CN, NO_2, alkyl, cycloalkyl or heterocycloalkyl, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2;

n is 0, 1, or 2;

or a pharmaceutically acceptable salt thereof.

6. The compound of any one of claims 1-4, wherein R^6 is H,



or .

7. The compound of any one of claims 1-5, wherein X is CH.

8. The compound of any one of claims 1-5, wherein R^1 is H, methyl, ethyl, isopropyl, methoxy, ethoxy, propoxy, isopropoxy, deuterium, CF_3, fluoro, or chloro.

9. The compound of any of one of claims 1-5, wherein R^2 is H, methyl, ethyl, propyl, isopropyl, methoxy, ethoxy, propoxy, isopropoxy, fluoro, chloro, CF_3 or OCF_3.

10. The compound of any one of claims 1-4, wherein R^{8a} and R^{8b} are each independently H, C_{1-6}alkyl, C_{0-6}alkylC_{3-8}cycloalkyl, or C_{0-6}alkylC_{3-8}heterocycloalkyl.

11. The compound of any one of claims 1-4, wherein R^{8a} and R^{8b} are each independently H, C_{1-3}alkyl, C_{0-3}alkylC_{3-6}cycloalkyl, or C_{0-3}alkylC_{3-6}heterocycloalkyl.

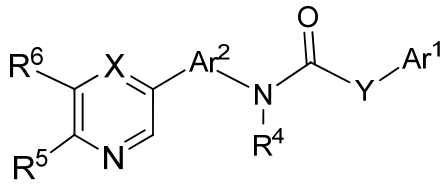
12. The compound of any one of claims 1-4, wherein R^{8a} and R^{8b} are each independently H, C_{1-3}alkyl, C_{3-6}cycloalkyl, or C_{3-6}heterocycloalkyl.

13. The compound of any one of claims 1-4, wherein G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-6}alkyl, C_{3-8}cycloalkyl, C_{3-8}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substituted by one or more independent H, deuterium, halo, OH, CN, or NO_2.

14. The compound of any one of claims 1-4, wherein G^1, G^2, G^3, or G^4 are each independently H, deuterium, halo, CN, NO_2, C_{1-3}alkyl, C_{3-6}cycloalkyl, C_{3-6}heterocycloalkyl, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$, $C(O)OR^{10}$, $C(O)NR^{10}R^{11}$, $OC(O)R^{10}$, $OC(O)OR^{10}$, $OC(O)NR^{10}R^{11}$, $N(R^{12})C(O)R^{10}$, $N(R^{12})C(O)OR^{10}$, $N(R^{12})C(O)NR^{10}R^{11}$, $S(O)_nR^{10}$, $S(O)_nOR^{10}$, $S(O)_nNR^{10}R^{11}$, $N(R^{12})S(O)_nR^{10}$, $N(R^{12})S(O)_nOR^{10}$, or $N(R^{12})S(O)_nNR^{10}R^{11}$, optionally substituted by one or

more independent H, deuterium, halo, OH, CN, or NO_2.

15. The compound of claim 1 of the formula (Ie):



(Ie)

wherein:

Ar^1 is aryl, heteroaryl, or cycloalkyl, optionally substituted by one or more independent R^1 substituents;

Ar^2 is aryl or heteroaryl, optionally substituted by one or more independent R^2 substituents;

Y is $C(R^{3a})(R^{3b})C_{0\text{-}6}$alkyl, NR^{3a}, -O-, C(O), CF_2, or a direct bond to Ar^1;

R^{3a} is H or alkyl;

R^{3b} is OR^{3c} or $NR^{3d}R^{3e}$;

R^4 is H or OH;

X is CR^7 or N;

R^1 is one or more independent halo, alkyl, or $C_{0\text{-}6}$alkyl-O-$C_{1\text{-}12}$alkyl, optionally substituted by one or more independent G^1 substituents;

R^2 is one or more independent halo, alkyl, or $C_{0\text{-}6}$alkyl-O-$C_{1\text{-}12}$alkyl, optionally substituted by one or more independent G^2 substituents;

R^{3c}, R^{3d} and R^{3e} are each independently H or alkyl;

R^5 is H, CH_3, NH_2, or $NHCH_3$;

R^6 is H, CO_2R^{8a}, or $CO(NR^{8a}R^{8b})$;

R^7 is H or alkyl;

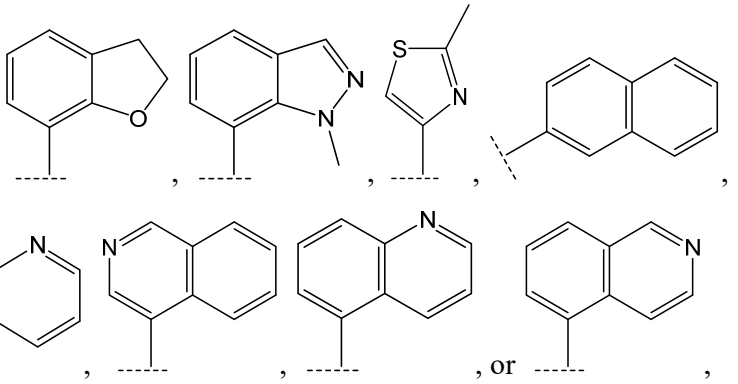
R^{8a} and R^{8b} are each independently H, $C_{1\text{-}12}$alkyl, $C_{0\text{-}12}$alkyl-$C_{3\text{-}12}$cycloalkyl, or $C_{0\text{-}12}$alkyl-$C_{3\text{-}12}$heterocycloalkyl, optionally substituted by one or more independent G^4 substituents; or

R^{8a} and R^{8b} taken together with the nitrogen to which they are attached form 5-10 membered heterocyclyl;

G^1, G^2, G^3, or G^4 are each independently halo, OR^{10}, $NR^{10}R^{11}$, $C(O)R^{10}$; and

R^{10} or R^{11} are each independently selected from H, or alkyl;

or a pharmaceutically acceptable salt thereof.

16. The compound of claim 15, wherein Ar^1 is cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, phenyl, pyridyl, , optionally substituted by one or more independent R^1 substituents.

17. The compound of claim 15 or 16, wherein R^1, for each occurrence, is independently chloro, fluoro, methyl, ethyl, methoxy, or CF_3.

18. The compound of any one of claims 15-17, wherein Y is -C(H)(OH)-, -C(CH_3)(OH)-, -C(H)(OCH_3)-, -C(H)(NH_2)-, CF_2, C(O), CH_2, -CH_2CH_2-, N(CH_3), -O-, or a direct bond to Ar^1.

19. The compound of any one of claims 15-18, wherein R^4 is H.

20. The compound of any one of claims 15-18, wherein R^4 is OH.

21. The compound of any one of claims 15-20, wherein Ar^2 is phenyl or pyridyl, optionally substituted by one or more independent R^2 substituents.

22. The compound of any one of claims 15-21, wherein R^2, for each occurrence, is independently methyl, ethyl, methoxy, fluoro, chloro, CF_3, or OCF_3.

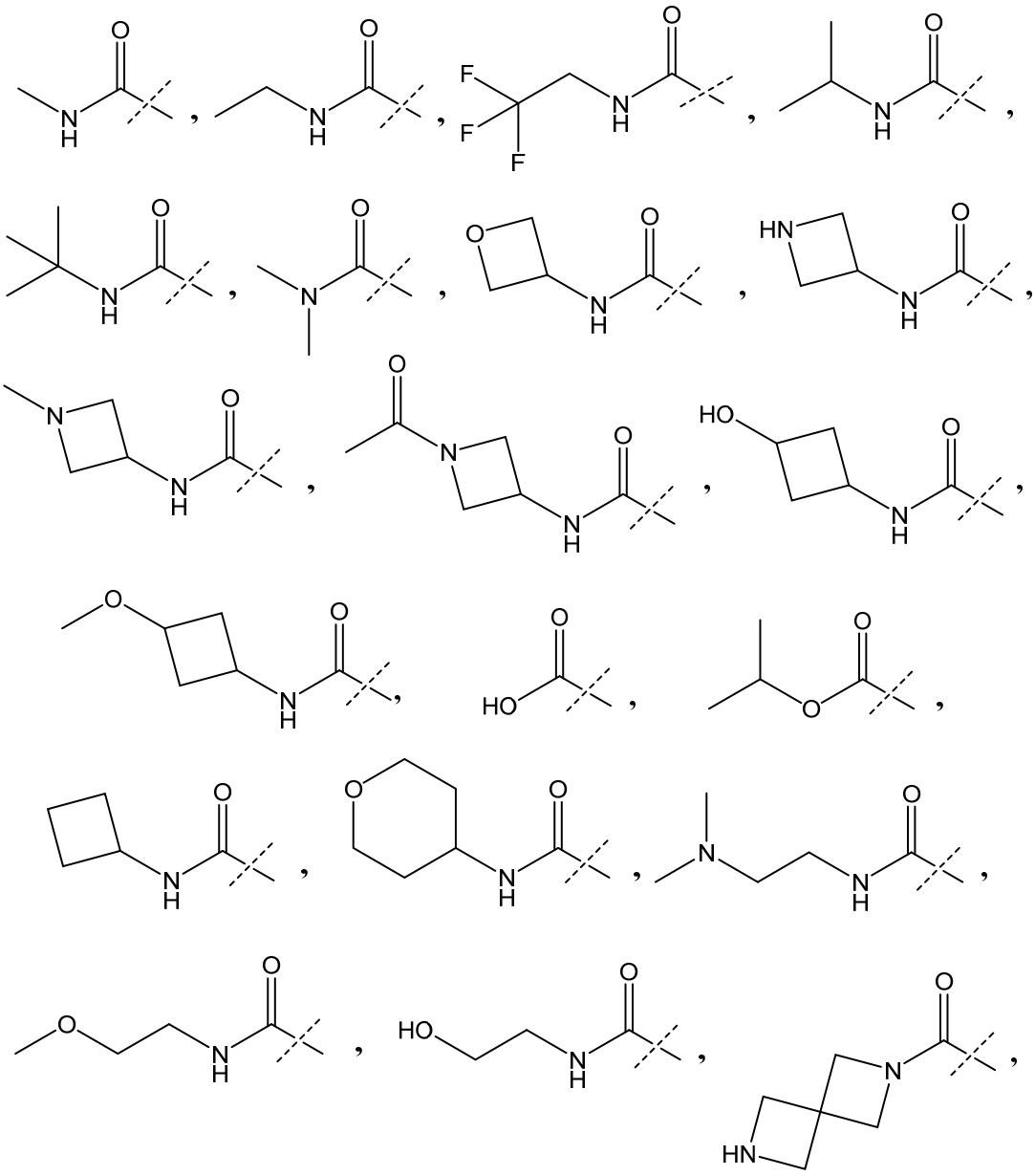
23. The compound of any one of claims 15-22, wherein X is CR^7.

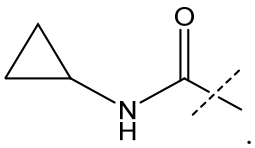
24. The compound of any one of claims 15-23, wherein R^7 is H.

25. The compound of any one of claims 15-22, wherein X is N.

26. The compound of any one of claims 15-25, wherein R^5 is H, methyl, NH_2, or $NHCH_3$.

27. The compound of any one of claims 15-26, wherein R^6 is H,



or .

28. A compound selected from the group consisting of:

2-amino-5-(4-(2-hydroxy-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-5-(4-(2-hydroxy-2-phenylpropanamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-hydroxy-2-phenylpropanamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-hydroxy-2-phenylpropanamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-*N*-isopropyl-5-(4-(2-methoxy-2-phenylacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-*N*-isopropyl-5-(4-(2-methoxy-2-phenylacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-*N*-isopropyl-5-(4-(2-methoxy-2-phenylacetamido)-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-amino-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-amino-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-amino-2-phenylacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-ethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-ethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-

ethylnicotinamide;
2-amino-*N*-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-*N*-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-*N*-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
2-amino-*N*-(*tert*-butyl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*R*)-2-amino-*N*-(*tert*-butyl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
(*S*)-2-amino-*N*-(*tert*-butyl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(2,2,2-trifluoroethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(2,2,2-trifluoroethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(2,2,2-trifluoroethyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isobutylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isobutylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-isobutylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*,*N*-dimethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*,*N*-dimethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*,*N*-dimethylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(oxetan-3-yl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(oxetan-

3-yl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(oxetan-3-yl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-hydroxycyclobutyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-hydroxycyclobutyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-hydroxycyclobutyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-methoxycyclobutyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-methoxycyclobutyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-(3-methoxycyclobutyl)nicotinamide,
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-*N*-methylpyrazine-2-carboxamide;
3-amino-*N*-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-*N*-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-*N*-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinic acid;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinic acid;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinic acid;
isopropyl 2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinate;

(*R*)-isopropyl 2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinate;

(*S*)-isopropyl 2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinate;

2-amino-N-(azetidin-3-yl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;

(*R*)-2-amino-N-(azetidin-3-yl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;

(*S*)-2-amino-N-(azetidin-3-yl)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(1-methylazetidin-3-yl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(1-methylazetidin-3-yl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(1-methylazetidin-3-yl)nicotinamide;

2-amino-N-cyclobutyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;

(*R*)-2-amino-N-cyclobutyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;

(*S*)-2-amino-N-cyclobutyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)nicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)nicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)nicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)nicotinamide;

N-(4-(6-amino-5-(2,6-diazaspiro[3.3]heptane-2-carbonyl)pyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;

(*R*)-N-(4-(6-amino-5-(2,6-diazaspiro[3.3]heptane-2-carbonyl)pyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;

(*S*)-N-(4-(6-amino-5-(2,6-diazaspiro[3.3]heptane-2-carbonyl)pyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;

2-amino-5-(4-(2-hydroxy-2-(o-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-hydroxy-2-(o-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-hydroxy-2-(o-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-hydroxy-2-(m-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-hydroxy-2-(m-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-hydroxy-2-(m-tolyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(3-ethylphenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3-ethylphenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(3-ethylphenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(2,3-dihydrobenzofuran-7-yl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(2,3-dihydrobenzofuran-7-yl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(2,3-dihydrobenzofuran-7-yl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-hydroxy-2-(1-methyl-1H-indazol-7-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-hydroxy-2-(1-methyl-1H-indazol-7-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-hydroxy-2-(1-methyl-1H-indazol-7-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-hydroxy-2-(2-methylthiazol-4-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-hydroxy-2-(2-methylthiazol-4-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-hydroxy-2-(2-methylthiazol-4-yl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-(methylamino)nicotinamide;

(*R*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-(methylamino)nicotinamide;

(*S*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-(methylamino)nicotinamide;

5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-methylnicotinamide;

(*R*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-methylnicotinamide;

(*S*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropyl-2-methylnicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-N,2-dihydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-N,2-dihydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-N,2-dihydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*R*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

(*S*)-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-(methylamino)pyridin-3-yl)phenyl)acetamide;

(*R*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-(methylamino)pyridin-3-yl)phenyl)acetamide;

(*S*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-(methylamino)pyridin-3-yl)phenyl)acetamide;

N-(4-(6-aminopyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;

(*R*)-N-(4-(6-aminopyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;

(*S*)-N-(4-(6-aminopyridin-3-yl)-3-methylphenyl)-2-(3,5-difluorophenyl)-2-hydroxyacetamide;

2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-methylpyridin-3-yl)phenyl)acetamide;

(*R*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-methylpyridin-3-yl)phenyl)acetamide;

(*S*)-2-(3,5-difluorophenyl)-2-hydroxy-N-(3-methyl-4-(6-methylpyridin-3-yl)phenyl)acetamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-ethylnicotinamide;

(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-ethylnicotinamide;

(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-ethylnicotinamide;

2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylnicotinamide;

(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylnicotinamide;

(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylnicotinamide;

2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;

(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;

(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;

2-amino-5-(2-chloro-4-(2-(3-chlorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(2-chloro-4-(2-(3-chlorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(2-chloro-4-(2-(3-chlorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

2-amino-5-(2-chloro-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-

isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(2-chloro-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)nicotinamide;
2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)nicotinamide;

(*R*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)nicotinamide;

(*S*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)nicotinamide;

2-amino-5-(2-ethyl-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(o-tolyl)acetamido)phenyl)-N-isopropylnicotinamide;

2-amino-5-(2-ethyl-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(2-ethyl-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(2-ethyl-4-(2-(3-ethylphenyl)-2-hydroxyacetamido)phenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(3-chlorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylnicotinamide;

2-amino-5-(2-ethyl-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(2-ethyl-4-(2-hydroxy-2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methoxyphenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methoxyphenyl)-N-isopropylnicotinamide;

(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methoxyphenyl)-N-isopropylnicotinamide;

2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-(trifluoromethoxy)phenyl)-N-isopropylnicotinamide;

(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-(trifluoromethoxy)phenyl)-

N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-(trifluoromethoxy)phenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-ethylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-ethylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-ethylnicotinamide;
2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)nicotinamide;
(*R*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)nicotinamide;
(*S*)-2-amino-N-cyclopropyl-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-(oxetan-3-yl)nicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-(oxetan-3-yl)nicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluoro-2-methylphenyl)-N-(oxetan-3-yl)nicotinamide;
2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluorophenyl)-N-isopropylnicotinamide;
(*R*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluorophenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-3-fluorophenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-5-fluoro-2-methylphenyl)-N-

isopropylnicotinamide;
(*R*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-5-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
(*S*)-2-amino-5-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-5-fluoro-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2,2-difluoro-2-phenylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)-2-oxoacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(6-methylpyridin-2-yl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(3,5-difluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-phenylacetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(3-phenylpropanamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(2-fluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-fluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(4-fluorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(4-(2-(2-methoxyphenyl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(3-methoxyphenyl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(4-methoxyphenyl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(o-tolyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(m-tolyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(p-tolyl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(2-chlorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-chlorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(4-chlorophenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(2-(trifluoromethyl)phenyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(3-(trifluoromethyl)phenyl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(4-(trifluoromethyl)phenyl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-(2-ethylphenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(3-ethylphenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-(4-ethylphenyl)acetamido)-2-methylphenyl)-N-isopropylnicotinamide;

2-amino-N-isopropyl-5-(2-methyl-4-(2-(naphthalen-1-yl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(naphthalen-2-yl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(quinolin-6-yl)acetamido)phenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(isoquinolin-4-yl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(4-(2-(isoquinolin-5-yl)acetamido)-2-methylphenyl)nicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(2-(quinolin-5-yl)acetamido)phenyl)nicotinamide;
2-amino-5-(4-(2-cyclopropylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-cyclobutylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-cyclopentylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-(2-cyclohexylacetamido)-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-5-(4-benzamido-2-methylphenyl)-N-isopropylnicotinamide;
2-amino-N-isopropyl-5-(2-methyl-4-(3-methyl-3-phenylureido)phenyl)nicotinamide;
phenyl (4-(6-amino-5-(isopropylcarbamoyl)pyridin-3-yl)-3-methylphenyl)carbamate;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-methylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-methylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-methylpyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
3-amino-N-cyclobutyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-N-cyclobutyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-

methylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-N-cyclobutyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(tetrahydro-2H-pyran-4-yl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-(dimethylamino)ethyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-methoxyethyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-methylphenyl)-N-(2-hydroxyethyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-

isopropylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-isopropylpyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-ethylpyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)pyrazine-2-carboxamide;
(*R*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)pyrazine-2-carboxamide;
(*S*)-3-amino-N-cyclopropyl-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)pyrazine-2-carboxamide;
3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)-2-ethylphenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
3-amino-6-(2-ethyl-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(2-ethyl-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(2-ethyl-4-(2-hydroxy-2-(m-tolyl)acetamido)phenyl)-N-isopropylpyrazine-2-

carboxamide;
3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-isopropylpyrazine-2-carboxamide;
3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(2,2,2-trifluoroethyl)pyrazine-2-carboxamide;
3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylpyrazine-2-carboxamide;
(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylpyrazine-2-carboxamide;
(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-cyclopropylpyrazine-2-carboxamide;
3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*R*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
(*S*)-3-amino-6-(2-chloro-4-(2-(3,5-difluorophenyl)-2-hydroxyacetamido)phenyl)-N-(oxetan-3-yl)pyrazine-2-carboxamide;
or a pharmaceutically acceptable salt thereof.

29. A pharmaceutical composition, comprising a compound or a pharmaceutically acceptable salt thereof according to any one of claims 1-28 with one or more pharmaceutically acceptable carriers, diluents, or excipients.

30. Use of a compound of any one of claims 1-28, or a pharmaceutical composition of claim 29, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for ~~A method of~~ treating cancer in a patient ~~comprising administering to a patient in need~~

~~thereof an effective amount of a compound of any one of claims 1-28, or a pharmaceutical composition of claim 29, or a pharmaceutically acceptable salt thereof~~.

31. A compound or pharmaceutically acceptable salt thereof according to any one of claims 1-28, or a pharmaceutical composition of claim 29, for use in therapy.

32. A compound or pharmaceutically acceptable salt thereof according to any one of claims 1-28, or a pharmaceutical composition of claim 29 for use in the treatment of cancer.

33. Use of a PERK kinase modulating compound according to any one of claims 1-28, or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for ~~A method of~~ treating a disease in a patient in need of such treatment, ~~said method comprising administering a PERK kinase modulating compound according to any one of claims 1-28, or a pharmaceutically acceptable salt thereof,~~ wherein the disease is cancer.