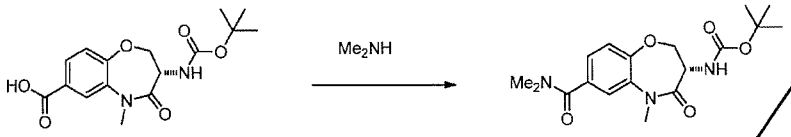
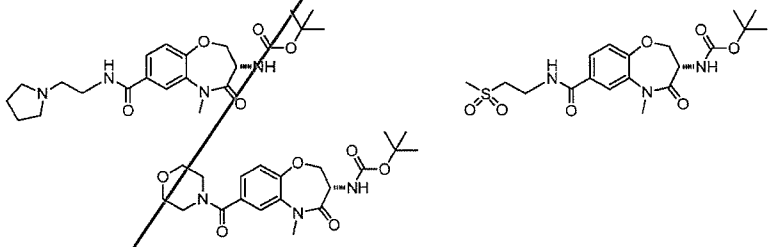
Preparation 30

(S)-tert-butyl (5-methyl-7-(morpholine-4-carbonyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)carbamate



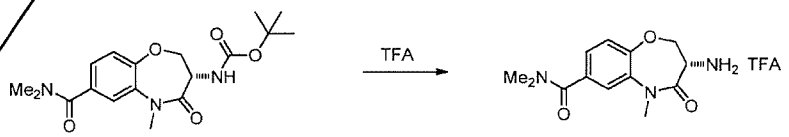
To a solution of (S)-3-((tert-butoxycarbonyl)amino)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b] [1,4] oxazepine-7-carboxylic acid (100.0 mg, 0.297 mmol DMSO (2.0 mL) was added DIEA (0.109 mL, 0.624 mmol) then HATU (113 mg, 0.297 mmol). After 5 min dimethylamine (0.156 mL, 0.312 mmol was added and the reaction mixture was stirred at rt. The reaction mixture was diluted with EtOAc then washed with sat. aq. NH4Cl, water and brine. The organic phase was dried over Na_2SO_4, filtered and concentrated in vacuo, The residue was purified by FCC [EtOAc-Hex: 15-50%] to yield the desired product (44.0 mg, 40.7 %). ^{1}H NMR (DMSO-d_6) δ: 7.53 (d, J = 1.8 Hz, 1H), 7.27 - 7.31 (m, 1H), 7.21 - 7.25 (m, 1H), 7.18 (d, J = 8.1 Hz, 1H), 4.27 - 4.44 (m, 3H), 3.29 (s, 3H), 2.99 (br. s., 6H), 1.35 (s, 9H). MS (m/z) 364.0 ($M+H^+$).

The following intermediates used for the preparation of titled example compounds were synthesized using methods analogous to the ones described above.



Preparation 31

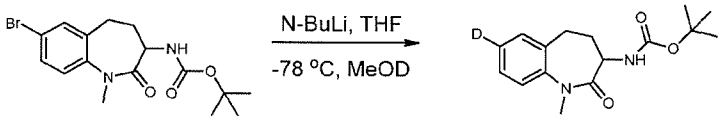
(S)-3-amino-N,N,5-trimethyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxamide trifluoroacetate



To a suspension of (S)-tert-butyl (5-methyl-7-(morpholine-4-carbonyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)carbamate (46.0mg, 0.113 mmol) in DCM

Preparation 48

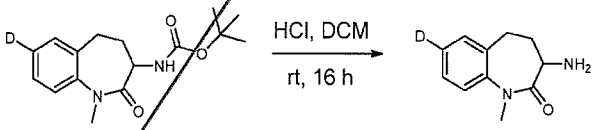
1,1-dimethylethyl (1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-3-yl)carbamate-d1



Tert-butyl (7-bromo-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)carbamate (80 mg, 0.217 mmol) was dissolved in 50ml THF and then cooled to -78 °C. N-butyllithium (2.5M in Hexane) (0.217 mL, 0.542 mmol) was added dropwise at -78 °C. The reaction mixture was maintained at -78 °C for 30 min, and then was quenched by MeOD. The mixture was washed by sat.$NaHCO_3$(aq). The organic layer was separated and purified by Isco Combiflash (20%-80% EtOAc/Hexane; 12g RediSep column). Collected fractions containing the product were combined and concentrated to give the desired product as a white solid (64 mg, 100 % yield). ^{1}H NMR (400 MHz, $CDCl_3$) δ ppm 1.41 (s, 9 H) 1.95 (dd, J=7.45, 3.92 Hz, 1 H) 2.51 - 2.68 (m, 2 H) 2.73 - 2.98 (m, 1 H) 3.41 (s, 3 H) 4.19 - 4.34 (m, 1 H) 5.37 - 5.64 (m, 1 H) 7.11 - 7.24 (m, 2 H) 7.23 - 7.38 (m, 1 H); MS (m/z): 292 ($M+H^+$).

Preparation 49

3-amino-1-methyl-1,3,4,5-tetrahydro-2H-1-benzazepin-2-one-d1



1,1-dimethylethyl (1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-3-yl)carbamate-d1 (64 mg) was dissolved in 2mL DCM, and then 0.54 mL HCl (4N in dioxane) was added dropwise. The reaction mixture was maintained at rt for 4 h. The mixture was then concentrated and the crude material was taken to the next step without further purification (35 mg, 84 % yield). MS (m/z): 192 ($M+H^+$).

Preparation 50

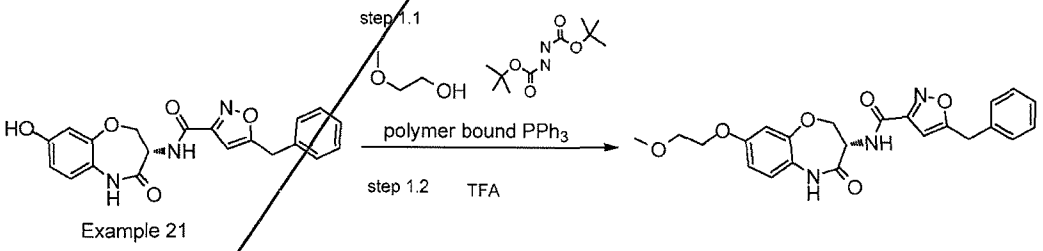
tert-butyl (1-methyl-2-oxo-7-(2,2,2-trifluoroacetyl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)carbamate

give 3-benzyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)piperidine-1-carboxamide (52.2 mg, 0.123 mmol, 28.2 % yield, unoptimized) as a mixture of diastereomers. MS (m/z) 393.9 ($M+H^+$). After separation using a chiral column (Chiralpak IA-H, eluent: Co-solvent: IPA, % Co-solvent: 30% Isocratic, Flow rate = 4 mL/min), two diastereomers were obtained without assigning the absolute stereochemistry at the C-3 piperdine. Isomer A (9.9 mg): ^1H NMR ($CDCl_3$) δ: 7.14-7.36 (m, 9H), 5.50 (d, J = 6.3 Hz, 1H), 4.86 (dt, J = 11.1, 6.8 Hz, 1H), 4.63 (dd, J = 9.7, 7.5 Hz, 1H), 4.16 (dd, J = 11.2, 9.7 Hz, 1H), 3.87 (dt, J = 13.1, 1.6 Hz, 1H), 3.72 - 3.81 (m, 1H), 3.43 (s, 3H), 2.88 (ddd, J = 12.9, 11.4, 3.2 Hz, 1H), 2.52 - 2.69 (m, 2H), 2.45 (dd, J = 13.6, 8.1 Hz, 1H), 1.65 - 1.81 (m, 3H), 1.36 - 1.46 (m, 1H), 1.06 - 1.18 (m, 1H). MS (m/z) 393.9 ($M+H^+$). Isomer B (13.9 mg): ^1H NMR ($CDCl_3$) δ: 7.09 - 7.73 (m, 9H), 5.51 (br. s., 1H), 4.79 - 4.92 (m, 1H), 4.59 - 4.70 (m, 1H), 4.10 - 4.20 (m, 1H), 3.89 (m, 1H), 3.77 (m, 1H), 3.42 (s, 3H), 2.77 - 2.93 (m, 1H), 2.40 - 2.67 (m, 3H), 1.63 - 1.81 (m, 3H), 1.38 - 1.49 (m, 1H), 1.06 - 1.20 (m, 1H). MS (m/z) 393.9 ($M+H^+$).

Example 6

Method E

3-Benzyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)piperidine-1-carboxamide



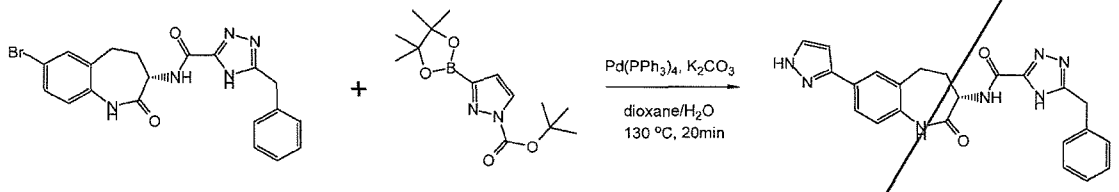
Example 21

Polymer bound PPh_3 (1.6 mmol/g loading, 2.5 eq, 268 mg), (S)-5-benzyl-N-(8-hydroxy-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide (65 mg, 0.171 mmol) and 2-methoxyethanol (0.027 mL, 0.343 mmol) were combined in THF (3 mL). Next added di-tert-butyl azodicarboxylate (79 mg, 0.343 mmol) and stirred mixture at rt for 20 hours. TFA (0.066 mL, 0.857 mmol) was added and mixture was stirred for 1 hour. Reaction was filtered through Celite, rinsing with 10% MeOH/DCM and concentrated. Crude was partitioned between DCM and satd. $NaHCO_3$ and layers were separated. Organics were concentrated and purified by flash chromatography, Biotage (4 g silica column; 0.5-3% MeOH/DCM (plus NH_4OH), 15 min.) to give 37 mg white foam in

Example 13

Method I

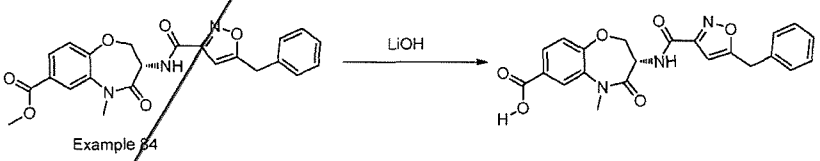
(S)-5-benzyl-N-(2-oxo-7-(1H-pyrazol-3-yl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide



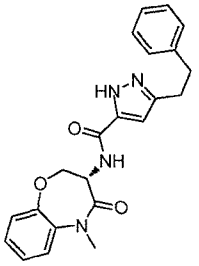
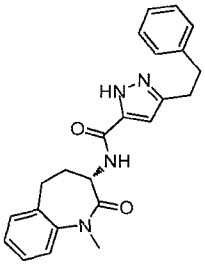
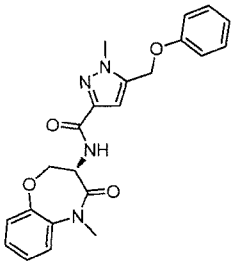
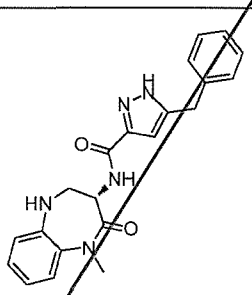
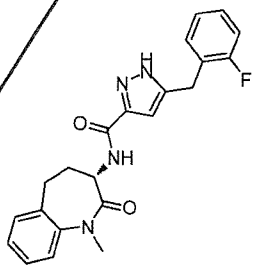
(S)-5-benzyl-N-(7-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide (60 mg, 0.136 mmol), tert-butyl 3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-pyrazole-1-carboxylate (40.1 mg, 0.136 mmol), $Pd(PPh_3)_4$ (29.8 mg, 0.026 mmol) and K_2CO_3 (107 mg, 0.775 mmol) were mixed in1,4-dioxane (2 mL) and water (1 mL). The reaction mixture was put in an Emrys Optimizer (150W, absorption normal) and microwaved at 130 °C, for 20 min. The reaction mixture was filtered and the filtrate was concentrated. The residue was purified by reverse phase HPLC (Waters Sunfire 30x150mm, 26-60% CH_3CN:H_2O (0.1 % TFA), 50 mg/mL). Collected fractions containing the product were combined, neutralized by $NaHCO_3$, and then concentrated to give the desired product as a white solid (6 mg, 11 % yield). ^{1}H NMR (DMSO-d_6) δ ppm 10.05 (s, 1H), 8.31 (br. s., 1H), 7.77 (s, 1H), 7.65 - 7.75 (m, 2H), 7.19 - 7.42 (m, 5H), 7.07 (d, J = 8.0 Hz, 1H), 6.71 (d, J = 1.5 Hz, 1H), 4.38 (dt, J = 11.2, 7.9 Hz, 1H), 4.12 (s, 2H), 2.66 - 2.90 (m, 2H), 2.42 – 2.51 (m, 1H), 2.28 (br. s., 1H); MS (m/z): 428 ($M+H^+$).

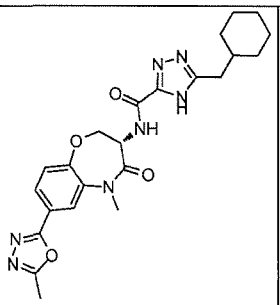
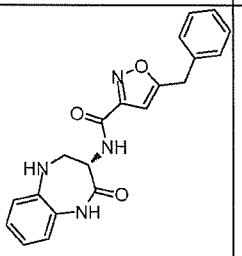
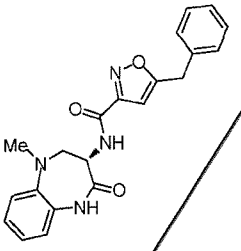
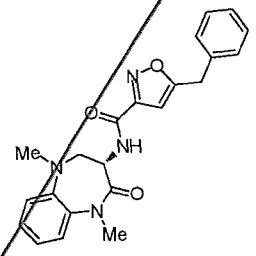
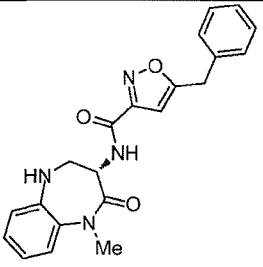
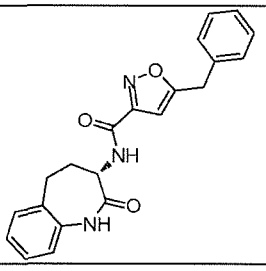
Example 14

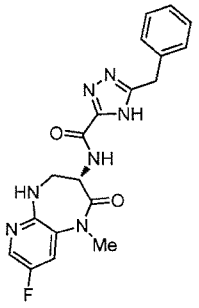
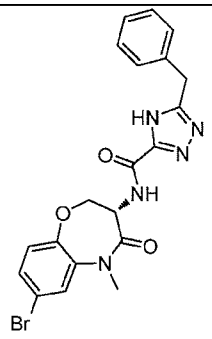
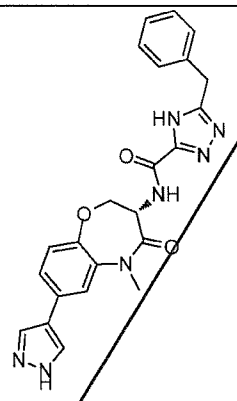
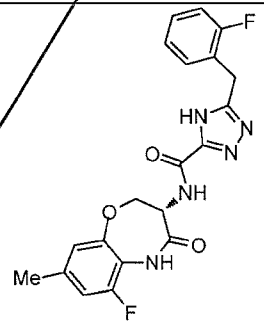
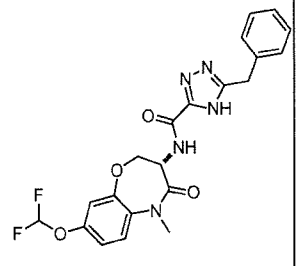
(S)-3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxylic acid



To a solution of (S)-methyl 3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxylate (332 mg, 0.762 mmol) in THF (6 mL)/Water (2.0 mL) was added LiOH (1.144 mL, 1.144 mmol) as a solution in water. Reaction was stirred at rt for about 2h. The reaction mixture was diluted with water then

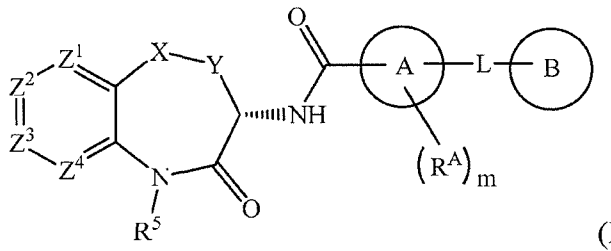
187	(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-phenethyl-1H-pyrazole-5-carboxamide		1H NMR (DMSO-d6) 13.09 (br. s., 1H), 8.06 (br. s., 1H), 7.50 (dd, J = 7.7, 1.6 Hz, 1H), 7.07 - 7.39 (m, 8H),6.38 (br. s., 1H), 4.83 (dt, J = 11.2, 7.9 Hz, 1H), 4.25 - 4.62 (m, 2H), 3.35 (s, 3H), 2.92 (s, 4H)	391	A
188	(S)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-3-phenethyl-1H-pyrazole-5-carboxamide		1H NMR (DMSO-d6) 13.09 (br. s., 1H), 8.06 (br. s., 1H), 7.50 (dd, J = 7.7, 1.6 Hz, 1H), 7.07 - 7.39 (m, 8H), 6.38 (br. s., 1H), 4.83 (dt, J = 11.2, 7.9 Hz, 1H), 4.25 - 4.62 (m, 2H), 2.92 (s, 4H), 2.81-2..91 (m, 2H)	375	A
189	(S)-1-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(phenoxymethyl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6) 8.11 (d, J = 8.1 Hz, 1H), 6.89 - 7.61 (m, 9H), 6.76 (s, 1H), 5.21 (s, 2H), 4.84 (dt, J = 11.6, 7.9 Hz, 1H), 4.32 - 4.66 (m, 2H), 3.93 (s, 3H), 3.32 (d, J = 4.0 Hz, 2H)	407	F
190	(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6) 13.19 (s, 1H), 7.91 (d, J = 7.3 Hz, 1H), 6.91 - 7.46 (m, 9H), 6.37 (s, 1H), 5.38 (d, J = 5.6 Hz, 1H), 4.64 (d, J = 6.6 Hz, 1H), 3.85 - 4.20 (m, 3H), 3.65 (d, J = 1.0 Hz, 1H), 3.36 - 3.56 (m, 1H), 3.33 (s, 3H)	376	F
191	(S)-5-(2-fluorobenzyl)-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6) 13.19 (br. s., 1H), 7.91 (br. s., 1H), 6.83 - 7.68 (m, 7H), 6.29 (br. s., 1H), 4.22 - 4.47 (m, 1H), 3.86 - 4.20 (m, 2H), 3.33 (s, 3H), 2.57 - 2.87 (m, 2H), 2.14 (br. s., 2H)	393	A

231	((S)-5-(cyclohexylmethyl)-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.17 (s, 1H), 8.42 (d, J = 7.8 Hz, 1H), 8.04 (d, J = 2.0 Hz, 1H), 7.89 (dd, J = 8.3, 2.0 Hz, 1H), 7.45 (d, J = 8.3 Hz, 1H), 4.91 (dt, J = 11.6, 7.7 Hz, 1H), 4.65 - 4.73 (m, 1H), 4.50 (dd, J = 9.9, 7.3 Hz, 1H), 3.39 (s, 3H), 2.61 - 2.68 (m, 2H), 2.61 (s, 3H), 0.90 - 1.76 (m, 11H)	466.3	F
232	(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 8.72 (d, *J*=7.8 Hz, 1 H), 7.21 - 7.48 (m, 6 H), 7.07 - 7.17 (m, 1 H), 6.96 - 7.06 (m, 2 H), 6.55 (s, 1 H), 5.30 (d, *J*=4.5 Hz, 1 H), 4.59 (dt, *J*=11.7, 7.2 Hz, 1 H), 4.22 (s, 2 H), 3.47 - 3.69 (m, 2 H), 3.14(t, *J*=7.2 Hz, 1 H).	363	F
233	(S)-5-benzyl-N-(1-methyl-4-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 9.90 (s, 1 H), 8.71 (d, *J*=7.8 Hz, 1 H), 6.92 - 7.45 (m, 9 H), 6.56 (s, 1 H), 4.51 (dt, *J*=12.1, 7.3 Hz, 1 H), 4.22 (s, 2 H), 3.65 (dd, *J*=11.9, 10.1 Hz, 1 H), 3.17 - 3.31 (m, 1 H), 2.74 ppm (s, 3 H)	377	F
234	(S)-N-(1,5-dimethyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-5-(4-methylbenzyl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 13.17 (br. s., 1 H), 7.93 (d, *J*=7.6 Hz, 1 H), 6.89 - 7.56 (m, 8 H), 6.33 (s, 1 H), 4.35 - 4.67 (m, 1 H), 3.92 (s, 2 H), 3.49 (t, 1 H), 3.34 (s, 3 H), 2.71 (s, 3 H), 2.69 (s, 1 H), 2.26 ppm (s, 3 H)	404	F
235	(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 8.66 (d, *J*=7.8 Hz, 1 H), 7.22 - 7.44 (m, 6 H), 7.07 - 7.17 (m, 1 H), 6.96 - 7.06 (m, 2 H), 6.55 (s, 1 H), 5.32 (d, *J*=4.5 Hz, 1 H), 4.65 (dt, *J*=11.7, 7.0 Hz, 1 H), 4.22 (s, 2 H), 3.47 - 3.69 (m, 2 H), 3.33 ppm (s, 3 H)	377	F
236	(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide		1H NMR (DMSO-d6) δ: 9.93 (s, 1H), 8.65 (d, J = 7.6 Hz, 1H), 7.23 - 7.40 (m, 7H), 7.11 - 7.19 (m, 1H), 7.04 (d, J = 7.6 Hz, 1H), 6.54 (s, 1H), 4.27 - 4.48 (m, 1H), 4.21 (s, 2H), 2.63 - 2.83 (m, 2H), 2.17 - 2.39 (m, 2H)	362.0	F

253	(S)-5-benzyl-N-(8-fluoro-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-b][1,4]diazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.40 (br. s., 1H), 8.37 (br. s., 1H), 8.02 (d, J = 2.5 Hz, 1H), 7.74 (dd, J = 9.6, 2.8 Hz, 1H), 7.22 - 7.38 (m, 5H), 6.44 (d, J = 6.6 Hz, 1H), 4.72 (ddd, J = 11.5, 6.9, 4.5 Hz, 1H), 4.12 (s, 2H), 3.74 (ddd, J = 11.0, 6.7, 4.5 Hz, 1H), 3.44 - 3.55 (m, 1H), 3.29 (s, 3H)	396	F
254	(S)-5-benzyl-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 8.38 - 8.66 (m, 1H), 7.77 (d, J = 2.5 Hz, 1H), 7.02 - 7.60 (m, 7H), 4.85 (dt, J = 11.6, 7.8 Hz, 1H), 4.62 (t, J = 10.7 Hz, 1H), 4.41 (dd, J = 9.9, 7.6 Hz, 1H), 4.12 (s, 2H), 3.18 - 3.43 (m, 3H)	456/458	H
255	(S)-5-benzyl-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR ($CDCl_3$) δ: 8.10 (d, J = 7.3 Hz, 1H), 7.85 (s, 2H), 7.12 - 7.47 (m, 8H), 5.12 (br. s., 1H), 4.63 - 4.82 (m, 1H), 4.32 (t, J = 10.5 Hz, 1H), 4.21 (s, 2H), 3.48 (s, 3H)	444	I
256	((S)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(2-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.49 (none, 1H), 10.00 (s, 1H), 8.28 - 8.68 (m, 1H), 6.73 - 7.53 (m, 6H), 4.84 (dt, J = 11.1, 7.6 Hz, 1H), 4.61 (t, J = 10.6 Hz, 1H), 4.45 (dd, J = 10.1, 7.3 Hz, 1H), 4.15 (s, 2H), 2.30 (s, 3H)	414	H
257	(S)-5-benzyl-N-(8-(difluoromethoxy)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.37 (br. s., 1H), 8.42 (d, J = 8.1 Hz, 1H), 7.57 (d, J = 8.8 Hz, 1H), 7.09 - 7.38 (m, 8H), 4.85 (dt, J = 11.6, 7.8 Hz, 1H), 4.62 (t, J = 10.9 Hz, 1H), 4.44 (dd, J = 9.9, 7.6 Hz, 1H), 4.15 (s, 2H), 3.30 (s, 3H)	444	F

What is claimed is:

1. A compound according to Formula (I):



(I)

wherein:

X is O, S, SO, SO_2, NH, CO, CH_2, CF_2, $CH(CH_3)$, CH(OH), or $N(CH_3)$;

Y is CH_2 or CH_2CH_2;

Z^1 is N, CH or CR^1;

Z^2 is CH or CR^2;

Z^3 is N, CH or CR^3;

Z^4 is CH or CR^4;

R^1 is fluoro or methyl;

one of R^2 and R^3 is halogen, cyano, $(C_1\text{-}C_6)$alkyl, halo$(C_1\text{-}C_4)$alkyl, $(C_1\text{-}C_6)$alkoxy, hydroxyl, $B(OH)_2$, -COOH, halo$(C_1\text{-}C_4)$alkylC$(OH)_2$-, $(C_1\text{-}C_4)$alkoxy$(C_1\text{-}C_4)$alkoxy, $(C_1\text{-}C_4)$alkylSO_2-, $(C_1\text{-}C_4)$alkylSO_2NHC(O)-, $(C_1\text{-}C_4)$alkylC(O)NH-, $((C_1\text{-}C_4)$alkyl$)((C_1\text{-}C_4)$alkyl$)$NC(O)-, $(C_1\text{-}C_4)$alkylOC(O)-, $(C_1\text{-}C_4)$alkylC(O)N$(C_1\text{-}C_4)$alkyl)-, $(C_1\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylC(O)NH-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylNHC(O)NH-, $(C_1\text{-}C_4)$alkyl$SO_2(C_2\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkylNHC(O)NH-, $(C_1\text{-}C_4)$alkylOC(O)NH-, hydroxy$(C_1\text{-}C_4)$alkylOC(O)NH-, 5-6 membered heterocycloalkyl-C(O)-, 5-6 membered heterocycloalkyl-$(C_1\text{-}C_4)$alkyl-NHC(O)-, 5-6 membered heterocycloalkyl-$(C_1\text{-}C_4)$alkoxy-, 5-6 membered heteroaryl, or 5-6 membered heteroaryl-C(O)NH,

wherein said 5-6 membered heterocycloalkyl and 5-6 membered heteroaryl are optionally substituted by 1 or 2 substituents each independently selected from the group consisting of $(C_1\text{-}C_4)$alkyl and -$(C_1\text{-}C_4)$alkyl-CN;

and the other of R^2 and R^3 is halogen or $(C_1\text{-}C_6)$alkyl;

R^4 is fluoro, chloro, or methyl;

R^5 is H or methyl;

A is phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl, wherein the carbonyl moiety and L are substituted 1,3 on ring A;

m is 0 or m is 1 and R^A is $(C_1\text{-}C_4)$alkyl; and

L is O, S, NH, $N(CH_3)$, CH_2, CH_2CH_2, $CH(CH_3)$, CHF, CF_2, CH_2O, $CH_2N(CH_3)$, CH_2NH, or CH(OH);

B is an optionally substituted $(C_3\text{-}C_6)$cycloalkyl, phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl;

wherein said $(C_3\text{-}C_6)$cycloalkyl, phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl is unsubstituted or is substituted by one or two substituents each independently selected from halogen, $(C_1\text{-}C_4)$alkyl, halo$(C_1\text{-}C_4)$alkyl, $(C_1\text{-}C_4)$alkoxy, halo$(C_1\text{-}C_4)$alkoxy, nitro, and $(C_1\text{-}C_4)$alkylC(O)-;

or the moiety -L-B is $(C_3\text{-}C_6)$alkyl, $(C_3\text{-}C_6)$alkoxy, halo$(C_3\text{-}C_6)$alkoxy, $(C_3\text{-}C_6)$alkenyl, or $(C_3\text{-}C_6)$alkenyloxy;

or a salt thereof.

2. The compound or salt according to claim 1 wherein X is S, SO, SO_2, or CO.

3. The compound or salt according to claim 1 wherein X is CF_2, $CH(CH_3)$, or CH(OH).

4. The compound or salt according to claim 1 wherein X is O, CH_2, NH or $N(CH_3)$.

5. The compound or salt according to claim 1 wherein X is O or CH_2.

6. The compound or salt according to any one of claims 1-5, wherein Y is CH_2.

7. The compound or salt according to any one of claims 1-6, wherein Z^1, Z^2, Z^3, and Z^4 are each CH.

8. The compound or salt according to any one of claims 1-6, wherein Z^1 is CR^1 and Z^2, Z^3 and Z^4 are each CH.

9. The compound or salt according to any one of claims 1-6, wherein Z^1, Z^2, and Z^4 are each CH and Z^3 is CR^3.

10. The compound or salt according to any one of claims 1-6, wherein Z^1, Z^3, and Z^4 are each CH and Z^2 is CR^2.

11. The compound or salt according to any one of claims 1-6, wherein Z^1, Z^2, and Z^3 are each CH and Z^4 is CR^4.

12. The compound or salt according to any one of claims 1-6, wherein Z^1 and Z^3 are CH, Z^2 is CR^2, and Z^4 is CR^4.

13. The compound or salt according to any one of claims 1-6, wherein Z^1 and Z^3 are both N, Z^2 is CH and Z^4 is CH or CR^4.

14. The compound or salt according to any one of claims 1-6, wherein Z^1 is N, Z^2 is CR^2 and Z^3 and Z^4 are CH.

15. The compound or salt according to any one of claims 1-6, wherein Z^3 is N, and Z^2, Z^3 and Z^4 are CH.

16. The compound or salt according to any one of claims 1-6 or 8, wherein R^1 is methyl.

17. The compound or salt according to any one of claims 1-6, 10, 12, or 14, wherein R^2 is halogen, cyano, $(C_1\text{-}C_6)$alkyl, hydroxyl, $B(OH)_2$, -COOH, halo$(C_1\text{-}C_4)$alkyl$C(OH)_2$-, $(C_1\text{-}C_4)$alkoxy$(C_1\text{-}C_4)$alkoxy, or 5-6 membered heteroaryl, wherein said 5-6 membered heteroaryl is optionally substituted by a $(C_1\text{-}C_3)$alkyl substituent.

18. The compound or salt according to any one of claims 1-6, wherein Z^3 is CH.

19. The compound or salt according to any one of claims 1-6, or 9 , wherein R^3 is halogen, (C_1-C_6)alkyl, halo(C_1-C_4)alkyl, (C_1-C_6)alkoxy, $B(OH)_2$, -COOH, (C_1-C_4)alkylSO_2-, (C_1-C_4)alkylSO_2NHC(O)-, (C_1-C_4)alkylC(O)NH-, $((C_1-C_4)$alkyl$)((C_1-C_4)$alkyl$)$NC(O)-, (C_1-C_4)alkylOC(O)-, (C_1-C_4)alkylC(O)N(C_1-C_4)alkyl)-, (C_1-C_4)alkoxy(C_2-C_4)alkylNHC(O)NH-, (C_1-C_4)alkyl$SO_2(C_2-C_4)$alkylNHC(O)-, (C_1-C_4)alkylNHC(O)NH-, (C_1-C_4)alkylOC(O)NH-, hydroxy(C_1-C_4)alkylOC(O)NH-, 5-6 membered heterocycloalkyl-C(O)-, 5-6 membered heterocycloalkyl-(C_1-C_4)alkyl-NHC(O)-, 5-6 membered heterocycloalkyl-(C_1-C_4)alkoxy-, 5-6 membered heteroaryl, or 5-6 membered heteroaryl-C(O)NH, herein said 5-6 membered heterocycloalkyl and 5-6 membered heteroaryl are optionally substituted by (C_1-C_3)alkyl or -(C_1-C_3)alkyl-CN.

20. The compound or salt to any one of claims 1-6, wherein Z^2 is CH.

21. The compound or salt according to any one of claims 1-6, 10, 12, or 14, wherein R^2 is fluoro, chloro, bromo, -CN, $-CH_3$, -OH, $B(OH)_2$, $CF_3C(OH)_2$-, $CH_3OCH_2CH_2O$-, 5*H*-tetrazol-5-yl, pyrazol-3-yl, or 5-methyl-1,3,4-oxadiazol-2-yl.

22. The compound or salt according to any one of claims 1-6, or 9, wherein R^3 is fluoro, chloro, bromo, $-OCH_3$, $B(OH)_2$, -COOH, CH_3SO_2-, CH_3SO_2NHC(O)-, $CH_3C(O)$NH-, $(CH_3)_2$NC(O)-, $CH_3OC(O)$-, (CH_3)C(O)N(CH_3)-, $HOCH_2CH_2C(O)$NH-, $CH_3OCH_2CH_2$NHC(O)NH-, $CH_3SO_2CH_2CH_2$NHC(O)-, CH_3CH_2NHC(O)NH-, $CH_3OC(O)$NH-, morpholin-4-yl-CO-, pyrrolidin-1-yl-CH_2CH_2NHC(O)-, tetrahydrofuran-2-yl-CH_2O-, pyrrolidin-1-yl-CH_2CH_2O-, tetrazol-5-yl, 1-(2-cyanoethyl)-tetrazol-5-yl, pyrazol-1-yl, pyrazol-3-yl, 1-methyl-pyrazol-3-yl, 1-methyl-pyrrol-4-yl-C(O)NH-, 5-methyl-1,3,4-oxadiazol-2-yl or 5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl.

23. The compound or salt according to any one of claims 1-6, or 11-13, , wherein R^4 is fluoro or R^4 is methyl.

24. The compound or salt according to any one of claims 1-23, wherein R^5 is H.

25. The compound or salt according to any one of claims 1-23, wherein R^5 is methyl.

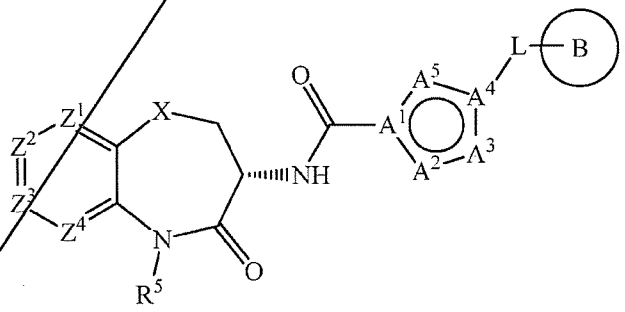
26. The compound or salt according to any one of claims 1-25, wherein A is phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl, wherein the carbonyl moiety and L are substituted 1,3 on ring A.

27. The compound or salt according to any one of claims 1-25, wherein A is furyl, thienyl, oxazolyl, isoxazolyl, thiazolyl or oxadiazolyl.

28. The compound or salt according to any one of claims 1-25, wherein A is pyrrolyl, pyrazolyl, imidazolyl, triazolyl, or tetrazolyl.

29. The compound or salt according to any one of claims 1-25, wherein A is piperidinyl, pyrrolidinyl, phenyl or pyridyl.

30. The compound or salt according to any one of claims 1-25, according to Formula (II):



(II)

wherein:

A^1 is C,

A^4 is C or N,

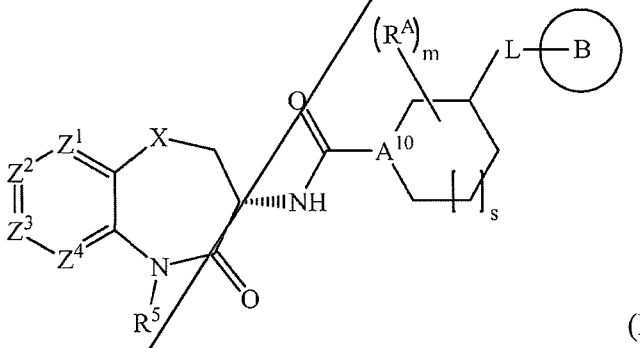
and A^2, A^3, and A^5 are each independently selected from CH, CR^A, O, S, N, NH and NR^A to form a furyl, thienyl, oxazolyl, isoxazolyl, thiazolyl, oxadiazolyl, pyrrolyl, pyrazolyl, imidazolyl, triazolyl or tetrazolyl ring moiety,

wherein said ring moiety contains 0 or 1 of CR^A and NR^A.

31. The compound or salt according to claim 30, wherein A^1 is C, A^4 is C or N, and A^2, A^3, and A^5 are each independently selected from CH, O, N, and NH to form an oxazolyl, isoxazolyl, oxadiazolyl, pyrrolyl, pyrazolyl, imidazolyl, triazolyl or tetrazolyl ring moiety.

32. The compound or salt according to claim 30, wherein A^1 and A^4 are each C, and A^2, A^3 and A^5 are each independently selected from N and NH to form a triazolyl ring moiety.

33. The compound or salt according to any one of claims 1-25 according to Formula (III):



(III)

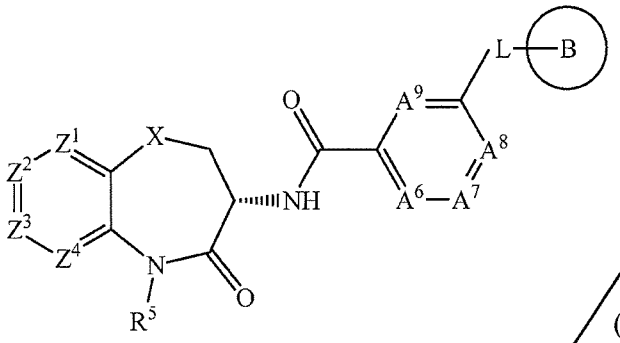
wherein s is 0 or 1, A^{10} is N .

34. The compound or salt according to claim 33, wherein m is 0 and A is an unsubstituted piperidinyl or pyrrolidinyl moiety.

35. The compound or salt according to any one of claims 1-25, wherein m is 0.

36. The compound or salt according to any one of claims 1-25 or 33, wherein m is 1 and R^A is methyl.

37. The compound or salt according to any one of claims 1-25, according to Formula (IV):



(IV)

wherein:

A^6, A^7, A^8, and A^9 are each CH;

one of A^6, A^7, A^8, and A^9 is CR^A and the others of A^6, A^7, A^8, and A^9 are CH;

one of A^6, A^7, A^8, and A^9 is N and the others of A^6, A^7, A^8, and A^9 are CH;

one of A^6, A^7, A^8, and A^9 is N-O and the other of A^6, A^7, A^8, and A^9 are CH.

38. The compound or salt according to any one of claims 1-37, wherein L is O, S, $N(CH_3)$, CH_2, CH_2CH_2, $CH(CH_3)$, CF_2, CH_2O, $CH_2N(CH_3)$, or CH(OH).

39. The compound or salt according to any one of claims 1-37, wherein L is O, CH_2, or NH.

40. The compound or salt according to any one of claims 1-39, wherein B is an optionally substituted pyrazolyl, thienyl, pyridinyl (pyridyl), oxo-pyridyl, pyrimidinyl, isoxazolyl, morpholinyl, or tetrahydrofuranyl, wherein the pyrazolyl, thienyl, pyridinyl, oxo-pyridyl, pyrimidinyl, isoxazolyl, morpholinyl, or tetrahydrofuranyl is optionally substituted by one or two independently selected $(C_1$-$C_4)$alkyl substituents.

41. The compound or salt according to any one of claims 1-39, wherein B is thien-2-yl, 5-methyl-thien-2-yl, pyrazol-1-yl, 3,5-dimethylpyrazol-1-yl, 4-methylpyrazol-1-yl, 3,5-dimethylisoxazol-4-yl, tetrahydrofuran-2-yl, morpholin-4-yl, pyridin-2-yl, 2-oxo-pyridin-1-yl, 6-methylpyridin-3-yl, and 2-methylpyrimidin-5-yl.

42. The compound or salt according to any one of claims 1-39, wherein B is unsubstituted cyclopentyl or cyclohexyl.

43. The compound or salt according to any one of claims 1-39, wherein B is unsubstituted phenyl.

44. The compound or salt according to any one of claims 1-39, wherein B is phenyl, substituted by 1 or 2 substituents independently selected from halogen, $(C_1$-$C_4)$alkyl, halo$(C_1$-$C_4)$alkyl, $(C_1$-$C_4)$alkoxy, halo$(C_1$-$C_4)$alkoxy, nitro, and $(C_1$-$C_4)$alkylC(O)-.

45. The compound or salt according to any one of claims 1-39, wherein B is phenyl, substituted by 1 or 2 substituents independently selected from halogen, $(C_1$-$C_3)$alkyl and $(C_1$-$C_3)$alkoxy.

46. The compound or salt according to any one of claims 1-39, wherein B is phenyl, substituted by 1 or 2 substituents independently selected from iodo, fluoro, chloro, bromo, methyl and methoxy.

47. The compound or salt according to any one of claims 1-39, wherein B is 2-methylphenyl, 4-methylphenyl, 2-trifluoromethylphenyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2-iodophenyl, 3-bromophenyl, 4-bromophenyl, 4-chlorophenyl, 2,5-difluorophenyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, or 4-methoxyphenyl.

48. The compound or salt according to any one of claims 1-37, wherein -L-B is $(C_3$-$C_6)$alkyl, $(C_3$-$C_6)$alkoxy, or $(C_3$-$C_5)$alkenyloxy.

49. The compound or salt according to any one of claims 1-37, wherein -L-B is $-OCH_2CH=CH_2$, $-CH_2CH_2CH_2CH_2CH_3$, $-OCH_2CH_2CH_2CH_3$, $-CH_2CH_2CH_3$, $-CH_2CH(CH_3)_2$ or $-CH_2CH_2CH(CH_3)_2$.

50. A compound which is (S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide.

51. A compound which is (S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide, or a pharmaceutically acceptable salt thereof.

52. A compound which is (S)-5-benzyl-N-(7-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide.

53. A compound which is (S)-5-benzyl-N-(7-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide, or a pharmaceutically acceptable salt thereof.

54. The compound or salt according to any one of claims 1-49, wherein the salt is a pharmaceutically acceptable salt of said compound.

55. `A pharmaceutical composition comprising the compound or pharmaceutically acceptable salt thereof according to any one of claims 50-54, and one or more pharmaceutically acceptable excipients.

56. A method of treating a RIP1 kinase-mediated disease or disorder comprising administering a therapeutically effective amount of the compound or pharmaceutically acceptable salt thereof according to any one of claims 50-54 to a human in need thereof.

57. The compound, or pharmaceutically acceptable salt thereof, according to any one of claims 50-54 for use in therapy.

58. Use of the compound, or pharmaceutically acceptable salt thereof, according to any one of claims 50-54 in the manufacture of a medicament for the treatment of a RIP1 kinase-mediated disease or disorder.

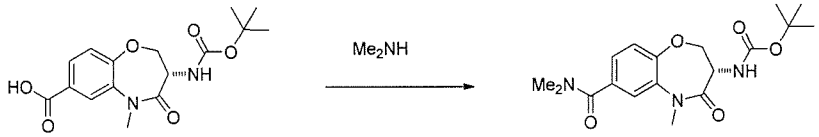
59. The method according to claim 56, wherein the disease or disorder is selected from inflammatory bowel disease, Crohn's disease, ulcerative colitis, psoriasis, retinal detachment, retinitis pigmentosa, macular degeneration, pancreatitis, atopic dermatitis, rheumatoid arthritis, spondyloarthritis, gout, SoJIA, systemic lupus erythematosus, Sjogren's syndrome, systemic scleroderma, anti-phospholipid syndrome, vasculitis, osteoarthritis, non-alcohol steatohepatitis, alcohol steatohepatitis, autoimmune hepatitis autoimmune hepatobiliary diseases, primary sclerosing cholangitis, nephritis, Celiac disease, autoimmune ITP, transplant rejection, ischemia reperfusion injury of solid organs, sepsis, systemic inflammatory response syndrome, cerebrovascular accident, myocardial infarction, Huntington's disease, Alzheimer's disease, Parkinson's disease, allergic diseases, asthma, atopic dermatitis, multiple sclerosis, type I diabetes, Wegener's granulomatosis, pulmonary sarcoidosis, Behcet's disease, interleukin-1 converting enzyme associated fever syndrome, chronic obstructive pulmonary disease, tumor necrosis factor receptor-associated periodic syndrome, and peridontitis.

60. The use according to claim 58, wherein the disease or disorder is selected from inflammatory bowel disease, Crohn's disease, ulcerative colitis, psoriasis, retinal detachment, retinitis pigmentosa, macular degeneration, pancreatitis, atopic dermatitis, rheumatoid arthritis, spondyloarthritis, gout, SoJIA, systemic lupus erythematosus, Sjogren's syndrome, systemic scleroderma, anti-phospholipid syndrome, vasculitis, osteoarthritis, non-alcohol steatohepatitis, alcohol steatohepatitis, autoimmune hepatitis autoimmune hepatobiliary diseases, primary sclerosing cholangitis, nephritis, Celiac disease, autoimmune ITP, transplant rejection, ischemia reperfusion injury of solid organs, sepsis, systemic inflammatory response syndrome, cerebrovascular accident, myocardial infarction, Huntington's disease, Alzheimer's disease, Parkinson's disease, allergic diseases, asthma, atopic dermatitis, multiple sclerosis, type I diabetes, Wegener's granulomatosis, pulmonary sarcoidosis, Behcet's disease, interleukin-1 converting enzyme associated fever syndrome,

chronic obstructive pulmonary disease, tumor necrosis factor receptor-associated periodic syndrome, and peridontitis.

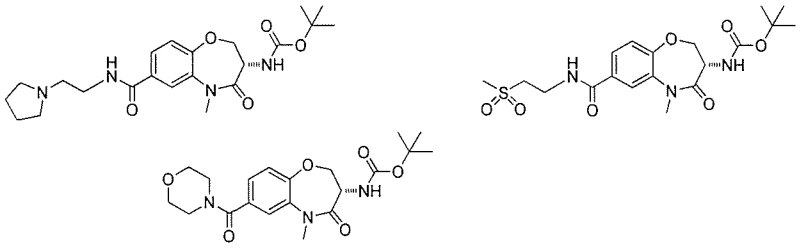
Preparation 30

(S)-tert-butyl (5-methyl-7-(N,N-dimethylcarbamoyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)carbamate



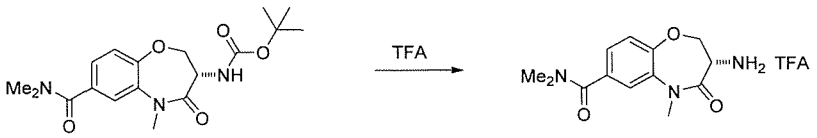
To a solution of (S)-3-((tert-butoxycarbonyl)amino)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b] [1,4] oxazepine-7-carboxylic acid (100.0 mg, 0.297 mmol DMSO (2.0 mL) was added DIEA (0.109 mL, 0.624 mmol) then HATU (113 mg, 0.297 mmol). After 5 min dimethylamine (0.156 mL, 0.312 mmol was added and the reaction mixture was stirred at rt. The reaction mixture was diluted with EtOAc then washed with sat. aq. NH4Cl, water and brine. The organic phase was dried over Na_2SO_4, filtered and concentrated in vacuo, The residue was purified by FCC [EtOAc-Hex: 15-50%] to yield the desired product (44.0 mg, 40.7 %). ^{1}H NMR (DMSO-d_6) δ: 7.53 (d, J = 1.8 Hz, 1H), 7.27 - 7.31 (m, 1H), 7.21 - 7.25 (m, 1H), 7.18 (d, J = 8.1 Hz, 1H), 4.27 - 4.44 (m, 3H), 3.29 (s, 3H), 2.99 (br. s., 6H), 1.35 (s, 9H). MS (m/z) 364.0 ($M+H^+$).

The following intermediates used for the preparation of titled example compounds were synthesized using methods analogous to the ones described above.



Preparation 31

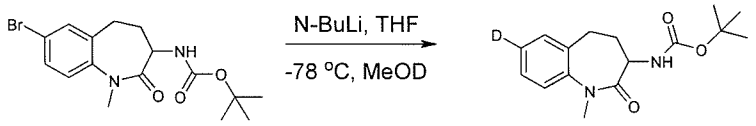
(S)-3-amino-N,N,5-trimethyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxamide trifluoroacetate



To a suspension of (S)-tert-butyl (5-methyl-7-(N,N-dimethylcarbamoyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)carbamate (46.0mg, 0.113 mmol) in DCM

Preparation 48

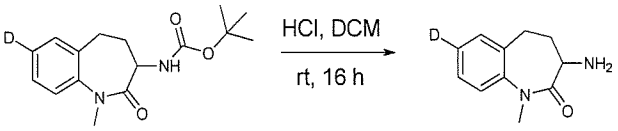
1,1-dimethylethyl (1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-3-yl)carbamate-d1



Tert-butyl (7-bromo-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)carbamate (80 mg, 0.217 mmol) was dissolved in 50ml THF and then cooled to -78 °C. N-butyllithium (2.5M in Hexane) (0.217 mL, 0.542 mmol) was added dropwise at -78 °C. The reaction mixture was maintained at -78 °C for 30 min, and then was quenched by MeOD. The mixture was washed by sat.$NaHCO_3$(aq). The organic layer was separated and purified by Isco Combiflash (20%-80% EtOAc/Hexane; 12g RediSep column). Collected fractions containing the product were combined and concentrated to give the desired product as a white solid (64 mg, 100 % yield). ^{1}H NMR (400 MHz, $CDCl_3$) δ ppm 1.41 (s, 9 H) 1.95 (dd, J=7.45, 3.92 Hz, 1 H) 2.51 - 2.68 (m, 2 H) 2.73 - 2.98 (m, 1 H) 3.41 (s, 3 H) 4.19 - 4.34 (m, 1 H) 5.37 - 5.64 (m, 1 H) 7.11 - 7.24 (m, 2 H) 7.23 - 7.38 (m, 1 H); MS (m/z): 292 ($M+H^+$).

Preparation 49

3-amino-1-methyl-1,3,4,5-tetrahydro-2H-1-benzazepin-2-one-d1



1,1-dimethylethyl (1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-3-yl)carbamate-d1 (64 mg) was dissolved in 2mL DCM, and then 0.54 mL HCl (4N in dioxane) was added dropwise. The reaction mixture was maintained at rt for 4 h. The mixture was then concentrated and the crude material was taken to the next step without further purification (35 mg, 84 % yield). MS (m/z): 192 ($M+H^+$).

Preparation 50

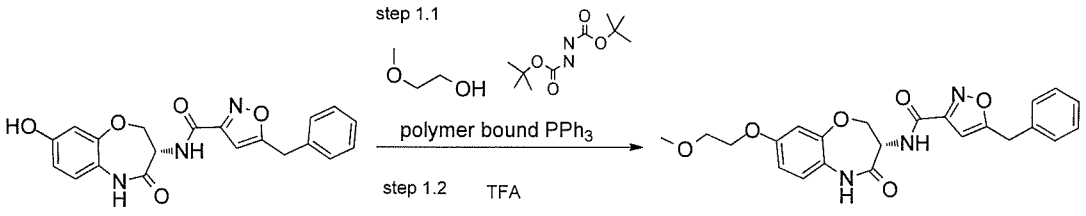
3-amino-1-methyl-7-(2,2,2-trifluoro-1,1-dihydroxyethyl)-1,3,4,5-tetrahydro-2H-1-benzazepin-2-one

give 3-benzyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)piperidine-1-carboxamide (52.2 mg, 0.123 mmol, 28.2 % yield, unoptimized) as a mixture of diastereomers. MS (m/z) 393.9 ($M+H^+$). After separation using a chiral column (Chiralpak IA-H, eluent: Co-solvent: IPA, % Co-solvent: 30% Isocratic, Flow rate = 4 mL/min), two diastereomers were obtained without assigning the absolute stereochemistry at the C-3 piperdine. Isomer A (9.9 mg): ^1H NMR ($CDCl_3$) δ: 7.14-7.36 (m, 9H), 5.50 (d, J = 6.3 Hz, 1H), 4.86 (dt, J = 11.1, 6.8 Hz, 1H), 4.63 (dd, J = 9.7, 7.5 Hz, 1H), 4.16 (dd, J = 11.2, 9.7 Hz, 1H), 3.87 (dt, J = 13.1, 1.6 Hz, 1H), 3.72 - 3.81 (m, 1H), 3.43 (s, 3H), 2.88 (ddd, J = 12.9, 11.4, 3.2 Hz, 1H), 2.52 - 2.69 (m, 2H), 2.45 (dd, J = 13.6, 8.1 Hz, 1H), 1.65 - 1.81 (m, 3H), 1.36 - 1.46 (m, 1H), 1.06 - 1.18 (m, 1H). MS (m/z) 393.9 ($M+H^+$). Isomer B (13.9 mg): ^1H NMR ($CDCl_3$) δ: 7.09 - 7.73 (m, 9H), 5.51 (br. s., 1H), 4.79 - 4.92 (m, 1H), 4.59 - 4.70 (m, 1H), 4.10 - 4.20 (m, 1H), 3.89 (m, 1H), 3.77 (m, 1H), 3.42 (s, 3H), 2.77 - 2.93 (m, 1H), 2.40 - 2.67 (m, 3H), 1.63 - 1.81 (m, 3H), 1.38 - 1.49 (m, 1H), 1.06 - 1.20 (m, 1H). MS (m/z) 393.9 ($M+H^+$).

Example 6

Method E

(S)-5-benzyl-N-(8-(2-methoxyethoxy)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide



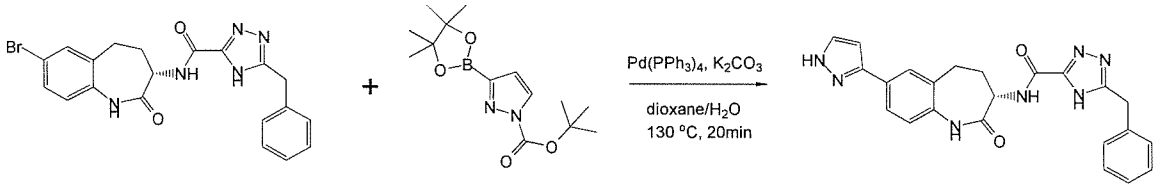
Example 21

Polymer bound PPh_3 (1.6 mmol/g loading, 2.5 eq, 268 mg), (S)-5-benzyl-N-(8-hydroxy-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide (65 mg, 0.171 mmol) and 2-methoxyethanol (0.027 mL, 0.343 mmol) were combined in THF (3 mL). Next added di-tert-butyl azodicarboxylate (79 mg, 0.343 mmol) and stirred mixture at rt for 20 hours. TFA (0.066 mL, 0.857 mmol) was added and mixture was stirred for 1 hour. Reaction was filtered through Celite, rinsing with 10% MeOH/DCM and concentrated. Crude was partitioned between DCM and satd. $NaHCO_3$ and layers were separated. Organics were concentrated and purified by flash chromatography, Biotage (4 g silica column; 0.5-3% MeOH/DCM (plus NH_4OH), 15 min.) to give 37 mg white foam in

Example 13

Method I

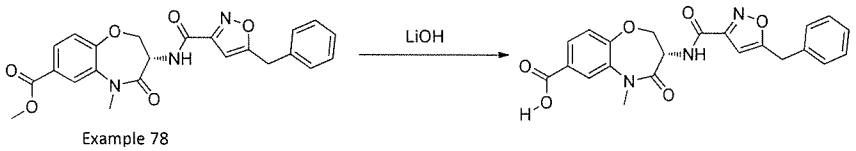
(S)-5-benzyl-N-(2-oxo-7-(1H-pyrazol-3-yl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide



(S)-5-benzyl-N-(7-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide (60 mg, 0.136 mmol), tert-butyl 3-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-pyrazole-1-carboxylate (40.1 mg, 0.136 mmol), $Pd(PPh_3)_4$ (29.8 mg, 0.026 mmol) and K_2CO_3 (107 mg, 0.775 mmol) were mixed in1,4-dioxane (2 mL) and water (1 mL). The reaction mixture was put in an Emrys Optimizer (150W, absorption normal) and microwaved at 130 °C, for 20 min. The reaction mixture was filtered and the filtrate was concentrated. The residue was purified by reverse phase HPLC (Waters Sunfire 30x150mm, 26-60% CH_3CN:H_2O (0.1 % TFA), 50 mg/mL). Collected fractions containing the product were combined, neutralized by $NaHCO_3$, and then concentrated to give the desired product as a white solid (6 mg, 11 % yield). ^1H NMR (DMSO-d_6) δ ppm 10.05 (s, 1H), 8.31 (br. s., 1H), 7.77 (s, 1H), 7.65 - 7.75 (m, 2H), 7.19 - 7.42 (m, 5H), 7.07 (d, J = 8.0 Hz, 1H), 6.71 (d, J = 1.5 Hz, 1H), 4.38 (dt, J = 11.2, 7.9 Hz, 1H), 4.12 (s, 2H), 2.66 - 2.90 (m, 2H), 2.42 – 2.51 (m, 1H), 2.28 (br. s., 1H); MS (m/z): 428 ($M+H^+$).

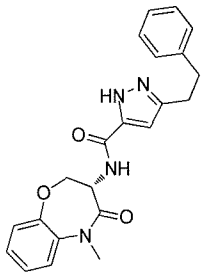
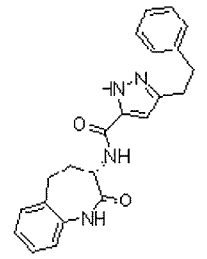
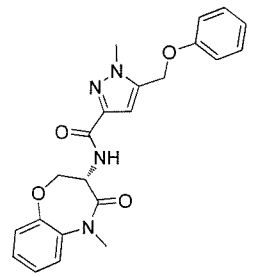
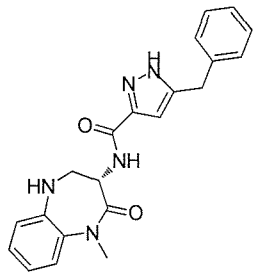
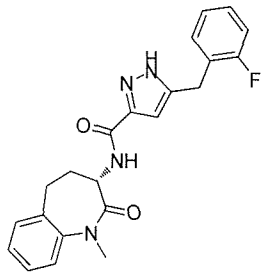
Example 14

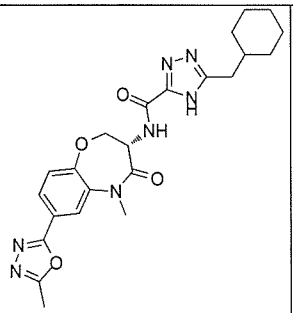
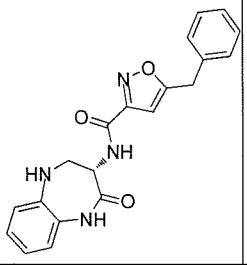
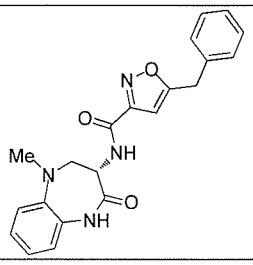
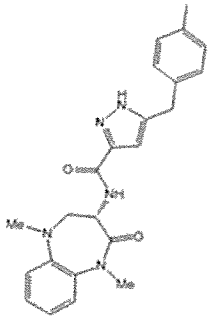
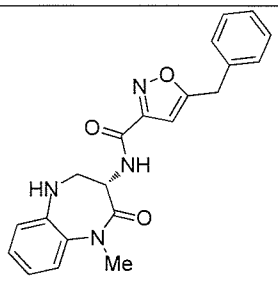
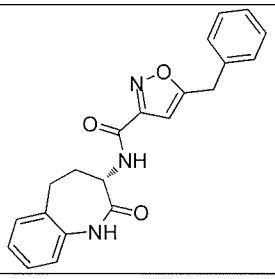
(S)-3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxylic acid

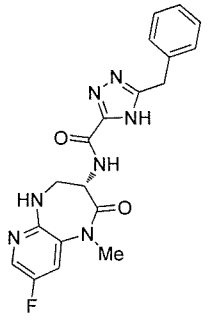
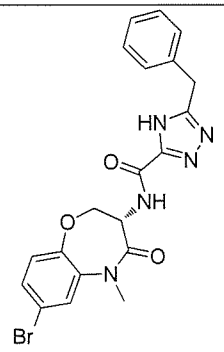
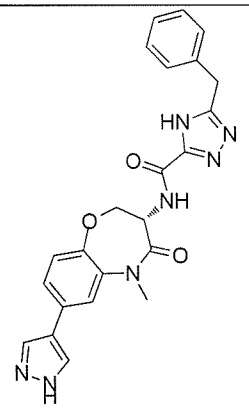
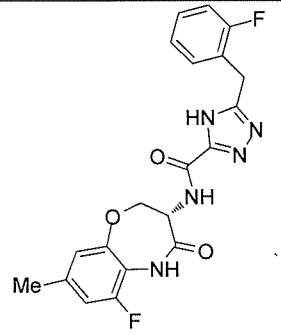
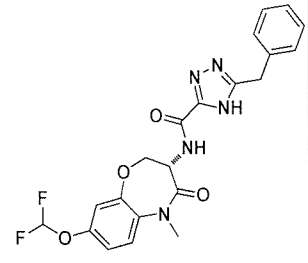


Example 78

To a solution of (S)-methyl 3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxylate (332 mg, 0.762 mmol) in THF (6 mL)/Water (2.0 mL) was added LiOH (1.144 mL, 1.144 mmol) as a solution in water. Reaction was stirred at rt for about 2h. The reaction mixture was diluted with water then

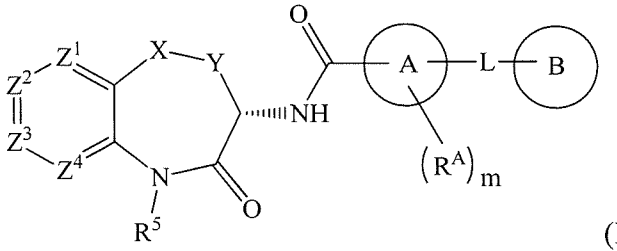
187	(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-phenethyl-1H-pyrazole-5-carboxamide		1H NMR (DMSO-d6) 13.09 (br. s., 1H), 8.06 (br. s., 1H), 7.50 (dd, J = 7.7, 1.6 Hz, 1H), 7.07 - 7.39 (m, 8H),6.38 (br. s., 1H), 4.83 (dt, J = 11.2, 7.9 Hz, 1H), 4.25 - 4.62 (m, 2H), 3.35 (s, 3H), 2.92 (s, 4H)	391	A
188	(S)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-3-phenethyl-1H-pyrazole-5-carboxamide		1H NMR (DMSO-d6) 13.09 (br. s., 1H), 8.06 (br. s., 1H), 7.50 (dd, J = 7.7, 1.6 Hz, 1H), 7.07 - 7.39 (m, 8H), 6.38 (br. s., 1H), 4.83 (dt, J = 11.2, 7.9 Hz, 1H), 4.25 - 4.62 (m, 2H), 2.92 (s, 4H), 2.81-2..91 (m, 2H)	375	A
189	(S)-1-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(phenoxymethyl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6) 8.11 (d, J = 8.1 Hz, 1H), 6.89 - 7.61 (m, 9H), 6.76 (s, 1H), 5.21 (s, 2H), 4.84 (dt, J = 11.6, 7.9 Hz, 1H), 4.32 - 4.66 (m, 2H), 3.93 (s, 3H), 3.32 (d, J = 4.0 Hz, 2H)	407	F
190	(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6) 13.19 (s, 1H), 7.91 (d, J = 7.3 Hz, 1H), 6.91 - 7.46 (m, 9H), 6.37 (s, 1H), 5.38 (d, J = 5.6 Hz, 1H), 4.64 (d, J = 6.6 Hz, 1H), 3.85 - 4.20 (m, 3H), 3.65 (d, J = 1.0 Hz, 1H), 3.36 - 3.56 (m, 1H), 3.33 (s, 3H)	376	F
191	(S)-5-(2-fluorobenzyl)-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6) 13.19 (br. s., 1H), 7.91 (br. s., 1H), 6.83 - 7.68 (m, 7H), 6.29 (br. s., 1H), 4.22 - 4.47 (m, 1H), 3.86 - 4.20 (m, 2H), 3.33 (s, 3H), 2.57 - 2.87 (m, 2H), 2.14 (br. s., 2H)	393	A

231	((S)-5-(cyclohexylmethyl)-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.17 (s, 1H), 8.42 (d, J = 7.8 Hz, 1H), 8.04 (d, J = 2.0 Hz, 1H), 7.89 (dd, J = 8.3, 2.0 Hz, 1H), 7.45 (d, J = 8.3 Hz, 1H), 4.91 (dt, J = 11.6, 7.7 Hz, 1H), 4.65 - 4.73 (m, 1H), 4.50 (dd, J = 9.9, 7.3 Hz, 1H), 3.39 (s, 3H), 2.61 - 2.68 (m, 2H), 2.61 (s, 3H), 0.90 - 1.76 (m, 11H)	466.3	F
232	(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 8.72 (d, *J*=7.8 Hz, 1 H), 7.21 - 7.48 (m, 6 H), 7.07 - 7.17 (m, 1 H), 6.96 - 7.06 (m, 2 H), 6.55 (s, 1 H), 5.30 (d, *J*=4.5 Hz, 1 H), 4.59 (dt, *J*=11.7, 7.2 Hz, 1 H), 4.22 (s, 2 H), 3.47 - 3.69 (m, 2 H), 3.14(t, *J*=7.2 Hz, 1 H).	363	F
233	(S)-5-benzyl-N-(1-methyl-4-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 9.90 (s, 1 H), 8.71 (d, *J*=7.8 Hz, 1 H), 6.92 - 7.45 (m, 9 H), 6.56 (s, 1 H), 4.51 (dt, *J*=12.1, 7.3 Hz, 1 H), 4.22 (s, 2 H), 3.65 (dd, *J*=11.9, 10.1 Hz, 1 H), 3.17 - 3.31 (m, 1 H), 2.74 ppm (s, 3 H)	377	F
234	(S)-N-(1,5-dimethyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-5-(4-methylbenzyl)-1H-pyrazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 13.17 (br. s., 1 H), 7.93 (d, *J*=7.6 Hz, 1 H), 6.89 - 7.56 (m, 8 H), 6.33 (s, 1 H), 4.35 - 4.67 (m, 1 H), 3.92 (s, 2 H), 3.49 (t, 1 H), 3.34 (s, 3 H), 2.71 (s, 3 H), 2.69 (s, 1 H), 2.26 ppm (s, 3 H)	404	F
235	(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide		^{1}H NMR (DMSO-d_6, 400MHz): δ = 8.66 (d, *J*=7.8 Hz, 1 H), 7.22 - 7.44 (m, 6 H), 7.07 - 7.17 (m, 1 H), 6.96 - 7.06 (m, 2 H), 6.55 (s, 1 H), 5.32 (d, *J*=4.5 Hz, 1 H), 4.65 (dt, *J*=11.7, 7.0 Hz, 1 H), 4.22 (s, 2 H), 3.47 - 3.69 (m, 2 H), 3.33 ppm (s, 3 H)	377	F
236	(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide		1H NMR (DMSO-d6) δ: 9.93 (s, 1H), 8.65 (d, J = 7.6 Hz, 1H), 7.23 - 7.40 (m, 7H), 7.11 - 7.19 (m, 1H), 7.04 (d, J = 7.6 Hz, 1H), 6.54 (s, 1H), 4.27 - 4.48 (m, 1H), 4.21 (s, 2H), 2.63 - 2.83 (m, 2H), 2.17 - 2.39 (m, 2H)	362.0	F

253	(S)-5-benzyl-N-(8-fluoro-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-b][1,4]diazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.40 (br. s., 1H), 8.37 (br. s., 1H), 8.02 (d, J = 2.5 Hz, 1H), 7.74 (dd, J = 9.6, 2.8 Hz, 1H), 7.22 - 7.38 (m, 5H), 6.44 (d, J = 6.6 Hz, 1H), 4.72 (ddd, J = 11.5, 6.9, 4.5 Hz, 1H), 4.12 (s, 2H), 3.74 (ddd, J = 11.0, 6.7, 4.5 Hz, 1H), 3.44 - 3.55 (m, 1H), 3.29 (s, 3H)	396	F
254	(S)-5-benzyl-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 8.38 - 8.66 (m, 1H), 7.77 (d, J = 2.5 Hz, 1H), 7.02 - 7.60 (m, 7H), 4.85 (dt, J = 11.6, 7.8 Hz, 1H), 4.62 (t, J = 10.7 Hz, 1H), 4.41 (dd, J = 9.9, 7.6 Hz, 1H), 4.12 (s, 2H), 3.18 - 3.43 (m, 3H)	456/458	H
255	5-benzyl-N-(7-(1H-pyrazol-4-yl)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR ($CDCl_3$) δ: 8.10 (d, J = 7.3 Hz, 1H), 7.85 (s, 2H), 7.12 - 7.47 (m, 8H), 5.12 (br. s., 1H), 4.63 - 4.82 (m, 1H), 4.32 (t, J = 10.5 Hz, 1H), 4.21 (s, 2H), 3.48 (s, 3H)	444	I
256	((S)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(2-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.49 (none, 1H), 10.00 (s, 1H), 8.28 - 8.68 (m, 1H), 6.73 - 7.53 (m, 6H), 4.84 (dt, J = 11.1, 7.6 Hz, 1H), 4.61 (t, J = 10.6 Hz, 1H), 4.45 (dd, J = 10.1, 7.3 Hz, 1H), 4.15 (s, 2H), 2.30 (s, 3H)	414	H
257	(S)-5-benzyl-N-(8-(difluoromethoxy)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide		^{1}H NMR (DMSO-d_6) δ: 14.37 (br. s., 1H), 8.42 (d, J = 8.1 Hz, 1H), 7.57 (d, J = 8.8 Hz, 1H), 7.09 - 7.38 (m, 8H), 4.85 (dt, J = 11.6, 7.8 Hz, 1H), 4.62 (t, J = 10.9 Hz, 1H), 4.44 (dd, J = 9.9, 7.6 Hz, 1H), 4.15 (s, 2H), 3.30 (s, 3H)	444	F

CLAIMS

1. A compound according to Formula (I):



(I)

wherein:

X is O, S, SO, SO_2, NH, CO, CH_2, CF_2, $CH(CH_3)$, CH(OH), or $N(CH_3)$;

Y is CH_2 or CH_2CH_2;

Z^1 is N, CH or CR^1;

Z^2 is CH or CR^2;

Z^3 is N, CH or CR^3;

Z^4 is CH or CR^4;

R^1 is fluoro or methyl;

one of R^2 and R^3 is halogen, cyano, $(C_1\text{-}C_6)$alkyl, halo$(C_1\text{-}C_4)$alkyl, $(C_1\text{-}C_6)$alkoxy, hydroxyl, $B(OH)_2$, -COOH, halo$(C_1\text{-}C_4)$alkylC$(OH)_2$-, $(C_1\text{-}C_4)$alkoxy$(C_1\text{-}C_4)$alkoxy, $(C_1\text{-}C_4)$alkylSO_2-, $(C_1\text{-}C_4)$alkylSO_2NHC(O)-, $(C_1\text{-}C_4)$alkylC(O)NH-, $((C_1\text{-}C_4)$alkyl$)((C_1\text{-}C_4)$alkyl$)$NC(O)-, $(C_1\text{-}C_4)$alkylOC(O)-, $(C_1\text{-}C_4)$alkylC(O)N$(C_1\text{-}C_4)$alkyl)-, $(C_1\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylC(O)NH-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylNHC(O)NH-, $(C_1\text{-}C_4)$alkyl$SO_2(C_2\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkylNHC(O)NH-, $(C_1\text{-}C_4)$alkylOC(O)NH-, hydroxy$(C_1\text{-}C_4)$alkylOC(O)NH-, 5-6 membered heterocycloalkyl-C(O)-, 5-6 membered heterocycloalkyl-$(C_1\text{-}C_4)$alkyl-NHC(O)-, 5-6 membered heterocycloalkyl-$(C_1\text{-}C_4)$alkoxy-, 5-6 membered heteroaryl, or 5-6 membered heteroaryl-C(O)NH,

wherein said 5-6 membered heterocycloalkyl and 5-6 membered heteroaryl are optionally substituted by 1 or 2 substituents each independently selected from the group consisting of $(C_1\text{-}C_4)$alkyl and -$(C_1\text{-}C_4)$alkyl-CN;

and the other of R^2 and R^3 is halogen or $(C_1\text{-}C_6)$alkyl;

R^4 is fluoro, chloro, or methyl;

R^5 is H or methyl;

A is phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl, wherein the carbonyl moiety and L are substituted 1,3 on ring A;

m is 0 or m is 1 and R^A is $(C_1\text{-}C_4)$alkyl; and

L is O, S, NH, $N(CH_3)$, CH_2, CH_2CH_2, $CH(CH_3)$, CHF, CF_2, CH_2O, $CH_2N(CH_3)$, CH_2NH, or CH(OH);

B is an optionally substituted $(C_3\text{-}C_6)$cycloalkyl, phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl;

wherein said $(C_3\text{-}C_6)$cycloalkyl, phenyl, 5-6 membered heteroaryl, or 5-6 membered heterocycloalkyl is unsubstituted or is substituted by one or two substituents each independently selected from halogen, $(C_1\text{-}C_4)$alkyl, halo$(C_1\text{-}C_4)$alkyl, $(C_1\text{-}C_4)$alkoxy, halo$(C_1\text{-}C_4)$alkoxy, nitro, and $(C_1\text{-}C_4)$alkylC(O)-;

or the moiety -L-B is $(C_3\text{-}C_6)$alkyl, $(C_3\text{-}C_6)$alkoxy, halo$(C_3\text{-}C_6)$alkoxy, $(C_3\text{-}C_6)$alkenyl, or $(C_3\text{-}C_6)$alkenyloxy;

or a salt thereof.

2. The compound or salt according to claim 1 wherein X is O, CH_2, NH or $N(CH_3)$.

3. The compound or salt according to claim 1 or claim 2, wherein Y is CH_2.

4. The compound or salt according to any one of claims 1-3, wherein Z^1, Z^2, Z^3, and Z^4 are each CH.

5. The compound or salt according to any one of claims 1-3, wherein Z^1, Z^2, and Z^4 are each CH and Z^3 is CR^3.

6. The compound or salt according to any one of claims 1-3, or 5, wherein R^3 is halogen, $(C_1\text{-}C_6)$alkyl, halo$(C_1\text{-}C_4)$alkyl, $(C_1\text{-}C_6)$alkoxy, $B(OH)_2$, -COOH, $(C_1\text{-}C_4)$alkylSO_2-, $(C_1\text{-}C_4)$alkylSO_2NHC(O)-, $(C_1\text{-}C_4)$alkylC(O)NH-, $((C_1\text{-}C_4)$alkyl$)((C_1\text{-}C_4)$alkyl$)$NC(O)-, $(C_1\text{-}C_4)$alkylOC(O)-, $(C_1\text{-}C_4)$alkylC(O)N$(C_1\text{-}C_4)$alkyl)-, $(C_1\text{-}C_4)$alkoxy$(C_2\text{-}C_4)$alkylNHC(O)NH-, $(C_1\text{-}C_4)$alkyl$SO_2(C_2\text{-}C_4)$alkylNHC(O)-, $(C_1\text{-}C_4)$alkylNHC(O)NH-, $(C_1\text{-}C_4)$alkylOC(O)NH-, hydroxy$(C_1\text{-}C_4)$alkylOC(O)NH-, 5-6

membered heterocycloalkyl-C(O)-, 5-6 membered heterocycloalkyl-(C_1-C_4)alkyl-NHC(O)-, 5-6 membered heterocycloalkyl-(C_1-C_4)alkoxy-, 5-6 membered heteroaryl, or 5-6 membered heteroaryl-C(O)NH, herein said 5-6 membered heterocycloalkyl and 5-6 membered heteroaryl are optionally substituted by (C_1-C_3)alkyl or -(C_1-C_3)alkyl-CN.

7. The compound or salt according to any one of claims 1-3, wherein Z^1, Z^3, and Z^4 are each CH and Z^2 is CR^2.

8. The compound or salt according to any one of claims 1-3, wherein Z^1, Z^2, and Z^3 are each CH and Z^4 is CR^4.

9. The compound or salt according to any one of claims 1-3, wherein Z^1 and Z^3 are CH, Z^2 is CR^2, and Z^4 is CR^4.

10. The compound or salt according to any one of claims 1-3, 7, or 9, wherein R^2 is halogen, cyano, (C_1-C_6)alkyl, hydroxyl, $B(OH)_2$, -COOH, halo(C_1-C_4)alkylC$(OH)_2$-, (C_1-C_4)alkoxy(C_1-C_4)alkoxy, or 5-6 membered heteroaryl, wherein said 5-6 membered heteroaryl is optionally substituted by a (C_1-C_3)alkyl substituent.

11. The compound or salt according to any one of claims 1-3, 8, or 9, wherein R^4 is fluoro or R^4 is methyl.

12. The compound or salt according to any one of claims 1-11, wherein:

A is furyl, thienyl, oxazolyl, isoxazolyl, thiazolyl or oxadiazolyl; or

A is pyrrolyl, pyrazolyl, imidazolyl, triazolyl, or tetrazolyl; or

A is piperidinyl, pyrrolidinyl, phenyl or pyridyl.

13. The compound or salt according to any one of claims 1-12, wherein L is O, S, $N(CH_3)$, CH_2, CH_2CH_2, $CH(CH_3)$, CF_2, CH_2O, $CH_2N(CH_3)$, or CH(OH).

14. The compound or salt according to any one of claims 1-13, wherein B is an optionally substituted pyrazolyl, thienyl, pyridinyl, oxo-pyridyl, pyrimidinyl, isoxazolyl, morpholinyl, or tetrahydrofuranyl, wherein the pyrazolyl, thienyl, pyridinyl, oxo-pyridyl, pyrimidinyl, isoxazolyl, morpholinyl, or tetrahydrofuranyl is optionally substituted by one or two independently selected $(C_1$-$C_4)$alkyl substituents; or

B is unsubstituted phenyl; or

B is phenyl, substituted by 1 or 2 substituents independently selected from halogen, $(C_1$-$C_3)$alkyl and $(C_1$-$C_3)$alkoxy.

15. The compound or salt according to any one of claims 1-12, wherein -L-B is $(C_3$-$C_6)$alkyl, $(C_3$-$C_6)$alkoxy, or $(C_3$-$C_5)$alkenyloxy.

16. The compound or salt according to claim 1, wherein:

X is O, CH_2, NH or $N(CH_3)$;

Y is CH_2 or CH_2CH_2;

Z^1, Z^2, Z^3, and Z^4 are each CH; or Z^1 is CR^1 and Z^2, Z^3 and Z^4 are each CH; or Z^1, Z^2, and Z^4 are each CH and Z^3 is CR^3; or Z^1, Z^3, and Z^4 are each CH and Z^2 is CR^2; or Z^1, Z^2, and Z^3 are each CH and Z^4 is CR^4; or Z^1 and Z^3 are CH, Z^2 is CR^2, and Z^4 is CR^4; or Z^1 and Z^3 are both N, Z^2 is CH and Z^4 is CH or CR^4; or Z^1 is N, Z^2 is CR^2 and Z^3 and Z^4 are CH; or Z^1 is N, and Z^2, Z^3 and Z^4 are CH;

R^1 is methyl,

R^2 is chloro, bromo, -CN, $-CH_3$, -OH, $B(OH)_2$, $CF_3C(OH)_2$-, $CH_3OCH_2CH_2O$-, 5*H*-tetrazol-5-yl, , pyrazol-3-yl, or 5-methyl-1,3,4-oxadiazol-2-yl;

R^3 is fluoro, chloro, bromo, $-OCH_3$, $B(OH)_2$, -COOH, CH_3SO_2-, $CH_3SO_2NHC(O)$-, $CH_3C(O)NH$-, $(CH_3)_2NC(O)$-, $CH_3OC(O)$-, $(CH_3)C(O)N(CH_3)$-, $HOCH_2CH_2C(O)NH$-, $CH_3OCH_2CH_2NHC(O)NH$-, $CH_3SO_2CH_2CH_2NHC(O)$-, $CH_3CH_2NHC(O)NH$-, $CH_3OC(O)NH$-, morpholin-4-yl-

CO-, pyrrolidin-1-yl-$CH_2CH_2NHC(O)$-, tetrahydrofuran-2-yl-CH_2O-, pyrrolidin-1-yl-CH_2CH_2O-, tetrazol-5-yl, 1-(2-cyanoethyl)-tetrazol-5-yl, pyrazol-1-yl, pyrazol-3-yl, 1-methyl-pyrazol-3-yl, 1-methyl-pyrrol-4-yl-C(O)NH-, or 5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl;

R^4 is fluoro or methyl;

A is furyl, thienyl, oxazolyl, isoxazolyl, thiazolyl, 1, 2, 4-oxadiazolyl, 1, 3, 4-oxadiazolyl, pyrrolyl, pyrazolyl, imidazolyl, 1, 2, 3-triazolyl, 1, 2, 4-triazolyl, tetrazolyl, piperidinyl, pyrrolidinyl, phenyl or pyridyl;

m is 0 or m is 1 and R^A is methyl;

L is O, S, $N(CH_3)$, CH_2, CH_2CH_2, $CH(CH_3)$, CF_2, CH_2O, $CH_2N(CH_3)$, or CH(OH); and

B is thien-2-yl, pyrazol-1-yl, 3,5-dimethylpyrazol-1-yl, 4-methylpyrazol-1-yl, 3,5-dimethylisoxazol-4-yl, tetrahydrofuran-2-yl, morpholin-4-yl, pyridin-2-yl, 2-oxo-pyridin-1-yl, 6-methylpyridin-3-yl, 2-methylpyrimidin-5-yl, cyclopentyl, cyclohexyl, phenyl, 2-methylphenyl, 4-methylphenyl, 2-trifluoromethylphenyl, 2-fluorophenyl, 3-fluorophenyl, 4-fluorophenyl, 2-iodophenyl, 3-bromophenyl, 4-bromophenyl, 4-chlorophenyl, 2,5-difluorophenyl, 2,4-difluorophenyl, 3,4-difluorophenyl, 3,5-difluorophenyl, or 4-methoxyphenyl;

or -L-B is $-OCH_2CH=CH_2$, $-CH_2CH_2CH_2CH_2CH_3$, $-OCH_2CH_2CH_2CH_3$, $-CH_2CH_2CH_3$, or $-CH_2CH(CH_3)_2$.

17. The compound according to claim 1, which is:

(R)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

(R)-5-benzyl-N-(5-methyl-1,1-dioxido-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

5-benzyl-N-((1S,3R)-5-methyl-1-oxido-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

5-benzyl-N-((1R,3R)-5-methyl-1-oxido-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

3-benzyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)piperidine-1-carboxamide;

(S)-5-benzyl-N-(8-(2-methoxyethoxy)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

5-benzyl-N-(1-hydroxy-5-methyl-4-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-7-(1H-tetrazol-5-yl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-3-(5-benzylisoxazole-3-carboxamido)-5-methyl-N-(methylsulfonyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxamide;

(S)-5-benzyl-N-(7-fluoro-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-(3-isopropylureido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(2-oxo-7-(1H-pyrazol-3-yl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxylic acid;

(S)-N-(7-acetamido-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-benzylisoxazole-3-carboxamide;

(S)-(3-(5-benzyl-4H-1,2,4-triazole-3-carboxamido)-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-7-yl)boronic acid;

(S)-(3-(3-benzyl-1H-pyrazole-5-carboxamido)-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-8-yl)boronic acid;

(S)-5-benzyl-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-(4-methylbenzyl)-1H-pyrazole-5-carboxamide;

(S)-3-benzyl-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-5-benzyl-N-(8-hydroxy-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-7-(1H-pyrazol-3-yl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-7-(1H-pyrazol-1-yl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(8-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide;

(S)-N-(8-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-3-(4-methylbenzyl)-1H-pyrazole-5-carboxamide;

(S)-3-benzyl-N-(8-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-3-(2-fluorobenzyl)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-3-(3-fluorobenzyl)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-1-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)thiophene-2-carboxamide;

(S)-5-benzyl-N-(2-oxo-8-(2-(pyrrolidin-1-yl)ethoxy)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide;

5-benzyl-N-((3S)-2-oxo-8-((tetrahydrofuran-2-yl)methoxy)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide;

(S)-1-(4-methylbenzyl)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-1-(4-fluorobenzyl)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-3-benzyl-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-1-benzyl-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-1-benzyl-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-3-benzyl-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-1-benzyl-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-2-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-2H-tetrazole-5-carboxamide;

(S)-2-benzyl-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-2H-tetrazole-5-carboxamide;

(S)-1-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-1-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1,3,4-oxadiazole-2-carboxamide;

(S)-5-benzyl-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1,3,4-oxadiazole-2-carboxamide;

(S)-1-benzyl-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-1-benzyl-N-(8-fluoro-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-1-benzyl-N-(8-fluoro-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-fluoro-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-1-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(4-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(3-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(8-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(4-methylbenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(4-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(4-methylbenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(8-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(3-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(4-oxo-7-(trifluoromethyl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

S)-5-benzyl-N-(7,9-difluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-5-(4-methylbenzyl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(6-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(9-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-3-(5-benzylisoxazole-3-carboxamido)-5-methyl-N-(2-(methylsulfonyl)ethyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxamide;

(S)-3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-N-(2-(pyrrolidin-1-yl)ethyl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxamide;

(S)-5-benzyl-N-(7-methyl-2-oxo-1,2,3,4-tetrahydropyrido[2,3-b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

5-(hydroxy(phenyl)methyl)-N-((S)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)thiophene-2-carboxamide;

(S)-5-benzyl-N-(7-methoxy-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-7-(methylsulfonyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-7-(morpholine-4-carbonyl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(4-oxo-2,3,4,5-tetrahydropyrido[4,3-b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5,6-dimethyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-3-(5-benzylisoxazole-3-carboxamido)-N,N,5-trimethyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-methyl 3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepine-7-carboxylate;

S)-5-(cyclopentylmethyl)-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-7-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-N-(7-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(4-methylbenzyl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(7-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-1-benzyl-N-(7-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-5-benzyl-N-(7-(1-(2-cyanoethyl)-1H-tetrazol-5-yl)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(5-methyl-4-oxo-7-(5-oxo-4,5-dihydro-1,3,4-oxadiazol-2-yl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-5-benzyl-N-(7-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(6-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-1-benzyl-N-(6-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-5-benzyl-N-(6-fluoro-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(6-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(7-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(4-methylbenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(6-fluoro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(3-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)furan-2-carboxamide;

(S)-3-(methyl(phenyl)amino)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)benzamide;

(S)-1-(4-fluorobenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4-phenoxypicolinamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-phenoxybenzamide;

3-benzyl-N-((S)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)piperidine-1-carboxamide;

(S)-5-(4-chlorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-1-benzyl-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-(cyclopentylmethyl)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

3-benzyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)pyrrolidine-1-carboxamide;

3-benzyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)pyrrolidine-1-carboxamide;

N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-phenoxypyrrolidine-1-carboxamide;

(S)-1-((1H-pyrazol-1-yl)methyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-5-methyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-3-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-((2-oxopyridin-1(2H)-yl)methyl)-1H-pyrazole-3-carboxamide;

(S)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-(4-methylbenzyl)-1H-pyrazole-3-carboxamide;

(S)-1-((3,5-dimethyl-1H-pyrazol-1-yl)methyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-3-(4-methylbenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-1-benzyl-5-methyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-(2-methylbenzyl)-1H-pyrazole-3-carboxamide;

(S)-1-(2,5-difluorobenzyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-5-methyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-((6-methylpyridin-3-yl)methyl)-1H-pyrazole-3-carboxamide;

(S)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-phenethyl-1H-pyrazole-3-carboxamide;

5-methyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-(1-phenylethyl)-1H-pyrazole-3-carboxamide;

(S)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-((2-methylpyrimidin-5-yl)methyl)-1H-pyrazole-3-carboxamide;

(S)-1-(3,5-difluorobenzyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-(2-fluorobenzyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-(3,4-difluorobenzyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-4-carboxamide;

(S)-3-(4-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-1-(2,4-difluorobenzyl)-5-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-(2-fluorobenzyl)-5-methyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-3-(2,4-difluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-1-(2-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-4-carboxamide;

(S)-3-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-(4-methylbenzyl)-1H-pyrazole-4-carboxamide;

(S)-1-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrrole-3-carboxamide;

(S)-1-(2,5-difluorobenzyl)-5-methyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrrole-3-carboxamide;

(S)-3-(4-fluorobenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-5-carboxamide;

(S)-2-(2,5-difluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-2H-tetrazole-5-carboxamide;

(S)-4-butoxy-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)picolinamide;

(S)-4-(cyclopentyloxy)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)picolinamide;

(S)-2-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-2H-tetrazole-5-carboxamide;

(S)-1-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-1-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-(4-methylbenzyl)-1H-1,2,3-triazole-4-carboxamide;

(S)-1-(4-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-2-(2,5-difluorobenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-2H-tetrazole-5-carboxamide;

(S)-2-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-2H-tetrazole-5-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1,3,4-oxadiazole-2-carboxamide;

(S)-5-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1,3,4-oxadiazole-2-carboxamide;

(S)-3-benzyl-N-(4-chloro-5-methyl-6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-7-yl)-1H-pyrazole-5-carboxamide;

(S)-3-benzyl-N-(4-chloro-6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-7-yl)-1H-pyrazole-5-carboxamide;

(S)-1-(3-fluorobenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1,2,4-oxadiazole-3-carboxamide;

(S)-3-benzyl-N-(6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-7-yl)-1H-pyrazole-5-carboxamide;

(S)-3-benzyl-N-(5-methyl-6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-7-yl)-1H-pyrazole-5-carboxamide;

(S)-1-benzyl-N-(5-methyl-6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-7-yl)-1H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1,2,4-oxadiazole-3-carboxamide;

(S)-5-(difluoro(phenyl)methyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-(difluoro(phenyl)methyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-(3-bromobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-(4-bromobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

5-benzyl-N-(7-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(7-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(7-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(7-cyano-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(2-oxo-7-(1H-tetrazol-5-yl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(2-oxo-7-(1H-pyrazol-4-yl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

5-benzyl-N-(1-methyl-2-oxo-7-(2,2,2-trifluoro-1,1-dihydroxyethyl)-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-1-benzyl-N-(7-bromo-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-1,2,4-triazole-3-carboxamide;

N-[(3S)-7-deuterio-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-1-benzazepin-3-yl]-5-(phenylmethyl)-1H-pyrazole-3-carboxamide;

(R)-5-benzyl-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

(S)-3-butoxy-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)benzamide;

(S)-5-(4-methoxybenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)thiophene-2-carboxamide;

(R)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)-3-phenoxybenzamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(4-methylbenzyl)-1H-pyrazole-3-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-pentyl-1H-pyrazole-3-carboxamide;

(S)-1-(2-iodobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-3-(4-methoxyphenethyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-5-carboxamide;

(S)-5-isobutyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-isobutyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-propyl-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-4-carboxamide;

(S)-3-(allyloxy)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)benzamide;

(S)-3-butoxy-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)benzamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-6-phenoxypicolinamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-phenethyl-1H-pyrazole-5-carboxamide;

(S)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-3-phenethyl-1H-pyrazole-5-carboxamide;

(S)-1-methyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(phenoxymethyl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-(2-fluorobenzyl)-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-(2-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(5-oxo-3,4,5,6-tetrahydro-2H-benzo[b][1,4]oxazocin-4-yl)isoxazole-3-carboxamide;

(S)-5-((methyl(phenyl)amino)methyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(thiophen-2-ylmethyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(2-fluorobenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-2-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)oxazole-4-carboxamide;

5-methyl-N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-((tetrahydrofuran-2-yl)methyl)-1H-pyrazole-3-carboxamide;

(S)-1-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-5-(3-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-(3-fluorobenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)thiophene-2-carboxamide;

(S)-1-(3-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-1-(3-fluorobenzyl)-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1-(4-methylbenzyl)-1H-imidazole-4-carboxamide;

(S)-5-(4-methylbenzyl)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(4-methylbenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(4-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(3-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-1-(3-fluorobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-5-benzyl-N-(7-chloro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-1-benzyl-N-(7-chloro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-imidazole-4-carboxamide;

(S)-1-benzyl-N-(7-chloro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,3-triazole-4-carboxamide;

(S)-5-benzyl-N-(7-chloro-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-pyrazole-3-carboxamide;

(*S*)-*N*-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-phenoxybenzamide;

(*S*)-*N*-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-pentyl-1H-pyrazole-3-carboxamide;

(S)-N-(4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-(phenylamino)benzamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-phenoxyfuran-2-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-(pyridin-2-yloxy)benzamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-(morpholinomethyl)benzamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-(3-(trifluoromethyl)phenoxy)benzamide;

(S)-3-(cyclopentyloxy)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)benzamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-2-phenoxyisonicotinamide;

(S)-5-(4-bromophenoxy)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)furan-2-carboxamide;

(S)-5-((4-methyl-1H-pyrazol-1-yl)methyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)furan-2-carboxamide;

(S)-5-((3,5-dimethylisoxazol-4-yl)methyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)thiophene-2-carboxamide;

(S)-2-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)thiazole-4-carboxamide;

(S)-2-(4-bromobenzyl)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)thiazole-4-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-3-(p-tolyloxy)benzamide;

((S)-5-(cyclohexylmethyl)-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(1-methyl-4-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide;

(S)-N-(1,5-dimethyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-5-(4-methylbenzyl)-1H-pyrazole-3-carboxamide;

(S)-5-benzyl-N-(1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)isoxazole-3-carboxamide;

(S)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-((5-methylthiophen-2-yl)methyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-methoxy-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(3-fluorobenzyl)-N-(8-methoxy-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(6,8-difluoro-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-isopentyl-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-8-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

5-benzyl-N-((3R)-1-oxido-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

(R)-5-benzyl-N-(1,1-dioxido-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]thiazepin-3-yl)isoxazole-3-carboxamide;

(S)-methyl (3-(5-benzylisoxazole-3-carboxamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-7-yl)carbamate;

(S)-5-benzyl-N-(5-methyl-7-(1-methyl-1H-pyrazole-4-carboxamido)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-7-(N-methylacetamido)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-(3-methoxypropanamido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-(3-ethylureido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-(3-(2-methoxyethyl)ureido)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)isoxazole-3-carboxamide;

(S)-5-benzyl-N-(7-(1-methyl-1H-pyrazol-3-yl)-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(2,5-dimethyl-6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-7-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-fluoro-1-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-b][1,4]diazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(7-bromo-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

5-benzyl-N-(7-(1H-pyrazol-4-yl)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

((S)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(2-fluorobenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-(difluoromethoxy)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(thiophen-2-ylmethyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-1-benzyl-N-(5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-1H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(8-cyclopropyl-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(7-cyano-5,8-dimethyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(4-methylbenzyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-(thiophen-2-ylmethyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(6-chloro-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-phenethyl-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(7-(difluoromethoxy)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(2-cyclopentylethyl)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(7-chloro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(cyclopentylmethyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(5,8-dimethyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

N-((S)-6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-((tetrahydro-2H-pyran-3-yl)methyl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(cyclopentylmethyl)-N-(5,8-dimethyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(9-fluoro-7-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(cyclopentylmethyl)-N-(7,9-difluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(cyclopentylmethyl)-N-(9-fluoro-7-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b][1,4]diazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(2,6-difluorobenzyl)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-7-(5-methyl-1,2,4-oxadiazol-3-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(2,3-difluorobenzyl)-N-(6-fluoro-8-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(9-fluoro-8-methyl-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-(cyclopentylmethyl)-N-(5-methyl-7-(5-methyl-1,2,4-oxadiazol-3-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(5-methyl-7-(5-methyl-1,2,4-oxadiazol-3-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4-phenoxypicolinamide;

(S)-5-benzyl-N-(8-methoxy-5-methyl-7-(5-methyl-1,3,4-oxadiazol-2-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-7-(3-methyl-1,2,4-oxadiazol-5-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

((S)-5-(cyclopentylmethyl)-N-(5-methyl-7-(3-methyl-1,2,4-oxadiazol-5-yl)-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(5-methyl-4-oxo-7-(pyridin-2-yl)-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-5-benzyl-N-(6,8-difluoro-7-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide;

(S)-N-(7-chloro-9-fluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-5-(cyclopentylmethyl)-4H-1,2,4-triazole-3-carboxamide;

N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-((S)-1-phenylethyl)-4H-1,2,4-triazole-3-carboxamide; or

N-((S)-5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-5-((R)-1-phenylethyl)-4H-1,2,4-triazole-3-carboxamide;

or a salt thereof.

18. A compound which is (S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide.

19. A compound which is (S)-5-benzyl-N-(5-methyl-4-oxo-2,3,4,5-tetrahydrobenzo[b][1,4]oxazepin-3-yl)-4H-1,2,4-triazole-3-carboxamide, or a pharmaceutically acceptable salt thereof.

20. A compound which is (S)-5-benzyl-N-(7,9-difluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide.

21. A compound which is (S)-5-benzyl-N-(7,9-difluoro-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl)-4H-1,2,4-triazole-3-carboxamide, or a pharmaceutically acceptable salt thereof.

22. The compound or salt according to any one of claims 1-17, wherein the salt is a pharmaceutically acceptable salt of said compound.

23. A pharmaceutical composition comprising the compound or pharmaceutically acceptable salt thereof according to any one of claims 18-21, and one or more pharmaceutically acceptable excipients.

24. The compound, or pharmaceutically acceptable salt thereof, according to any one of claims 18-22, for use in therapy.

25. Use of the compound, or pharmaceutically acceptable salt thereof, according to any one of claims 18-22, in the manufacture of a medicament for the treatment of a RIP1 kinase-mediated disease or disorder, wherein the disease or disorder is selected from inflammatory

bowel disease, Crohn's disease, ulcerative colitis, psoriasis, retinal detachment, retinitis pigmentosa, macular degeneration, pancreatitis, atopic dermatitis, rheumatoid arthritis, spondyloarthritis, gout, SoJIA, systemic lupus erythematosus, Sjogren's syndrome, systemic scleroderma, anti-phospholipid syndrome, vasculitis, osteoarthritis, non-alcohol steatohepatitis, alcohol steatohepatitis, autoimmune hepatitis autoimmune hepatobiliary diseases, primary sclerosing cholangitis, nephritis, Celiac disease, autoimmune ITP, transplant rejection, ischemia reperfusion injury of solid organs, sepsis, systemic inflammatory response syndrome, cerebrovascular accident, myocardial infarction, Huntington's disease, Alzheimer's disease, Parkinson's disease, allergic diseases, asthma, atopic dermatitis, multiple sclerosis, type I diabetes, Wegener's granulomatosis, pulmonary sarcoidosis, Behcet's disease, interleukin-1 converting enzyme associated fever syndrome, chronic obstructive pulmonary disease, tumor necrosis factor receptor-associated periodic syndrome, and peridontitis.

26. The compound according to claim 18, providing a PXRD pattern in accordance with Figure 7, having diffraction angles at 5.70, 8.46, 11.46, 16.36, 17.10, 19.82, 21.63, 22.03, 23.11, 23.75, 24.35, and 24.94 (°2θ).