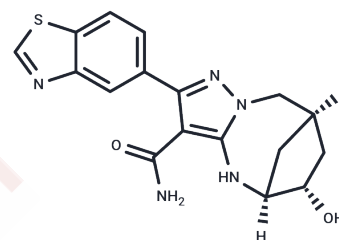


RIP2 kinase inhibitor 1

Chemical Properties

CAS No. :	2380028-10-2
Formula:	C17H17N5O2S
Molecular Weight:	355.41
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	RIP2 kinase inhibitor 1 is a potent and selective receptor interacting inhibitor of protein 2 (RIP2) kinase(RIP2 FP with an IC50 of 0.03 μM),and is used for autoinflammatory disorders.
Targets(IC50)	Others,RIP kinase
In vitro	RIP2 kinase inhibitor 1 inhibits human whole blood (hWB) with IC50 of 0.05 μM , activin receptor-like kinase 5 (ALK5) with IC50 more than 10 μM , VEGFR2 (IC50=7.94 μM), lymphocyte-specific protein tyrosine kinase (LCK; IC50=31.6 μM).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8137 mL	14.0683 mL	28.1365 mL
5 mM	0.5627 mL	2.8137 mL	5.6273 mL
10 mM	0.2814 mL	1.4068 mL	2.8137 mL
50 mM	0.0563 mL	0.2814 mL	0.5627 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Haffner CD, et al. Discovery of Pyrazolocarboxamides as Potent and Selective Receptor Interacting Protein 2 (RIP2) Kinase Inhibitors. ACS Med Chem Lett. 2019 Oct 11;10(11):1518-1523.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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