

TP-030-1

Chemical Properties

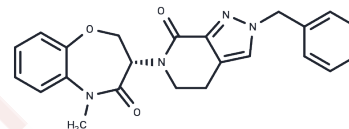
CAS No. : 2095514-75-1

Formula: C₂₃H₂₂N₄O₃

Molecular Weight: 402.45

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	TP-030-1, an inhibitor of RIPK1, exhibits potent activity against hRIPK1 (human RIPK1) with a K_i value of 3.9 nM and against mRIPK1 (mouse RIPK1) with an IC_{50} value of 4.2 μ M. This compound is instrumental in the research of inflammatory and neurodegenerative diseases.
Targets(IC_{50})	Others, RIP kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4848 mL	12.4239 mL	24.8478 mL
5 mM	0.497 mL	2.4848 mL	4.9696 mL
10 mM	0.2485 mL	1.2424 mL	2.4848 mL
50 mM	0.0497 mL	0.2485 mL	0.497 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481