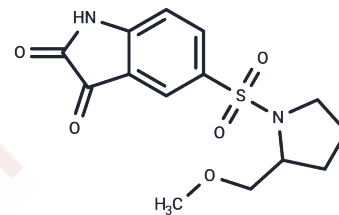


Caspase-3/7 Inhibitor I

Chemical Properties

CAS No. :	1110670-49-9
Formula:	C ₁₄ H ₁₆ N ₂ O ₅ S
Molecular Weight:	324.35
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	Caspase-3/7 inhibitor I is a potent and reversible inhibitor of caspase-3 and caspase-7, with K_i values of 60 and 170 nM, respectively. It effectively inhibits apoptosis in Jurkat cells and chondrocytes treated with Camptothecin.
Targets(IC ₅₀)	Apoptosis,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0831 mL	15.4154 mL	30.8309 mL
5 mM	0.6166 mL	3.0831 mL	6.1662 mL
10 mM	0.3083 mL	1.5415 mL	3.0831 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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