

Caspase-3-IN-3

Chemical Properties

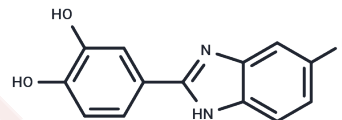
CAS No. : 1984421-81-9

Formula: C₁₃H₉FN₂O₂

Molecular Weight: 244.221

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-IN-3 (compound 7) is a caspase 3 inhibitor. It enhances cellular ATP levels, inhibits caspase-3 activity, reduces nitrite production, suppresses cytokine-induced apoptosis, and restores glucose-stimulated insulin secretion.
Targets(IC50)	Apoptosis,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0947 mL	20.4733 mL	40.9467 mL
5 mM	0.8189 mL	4.0947 mL	8.1893 mL
10 mM	0.4095 mL	2.0473 mL	4.0947 mL
50 mM	0.0819 mL	0.4095 mL	0.8189 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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