

Acid Ceramidase-IN-2

Chemical Properties

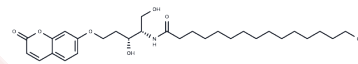
CAS No. : 1005497-03-9

Formula: C₃₀H₄₇N₆O₆

Molecular Weight: 517.70

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	Acid Ceramidase-IN-2 (compound 1), an acid ceramidase inhibitor, exhibits potentially antiproliferative and cytostatic effects. It is of interest due to the overexpression of human acid ceramidase in prostate cancer cells, suggesting potential anti-tumor efficacy. The hydrolysis of Acid Ceramidase-IN-2 can be inhibited by 3 a-ketoamides: GT85, GT98, and GT99 in vitro [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9316 mL	9.6581 mL	19.3162 mL
5 mM	0.3863 mL	1.9316 mL	3.8632 mL
10 mM	0.1932 mL	0.9658 mL	1.9316 mL
50 mM	0.0386 mL	0.1932 mL	0.3863 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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