

ASPH-IN-1

Chemical Properties

CAS No. : 2477878-52-5
Formula: C₁₉H₁₇N₀O₇S
Molecular Weight: 403.41
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	ASPH-IN-1 (Compound 14c) is an orally active inhibitor of ASPH. It reduces the expression of MMP2 and MMP14 proteins and exhibits anticancer activity against cholangiocarcinoma.
Targets(IC50)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4789 mL	12.3943 mL	24.7887 mL
5 mM	0.4958 mL	2.4789 mL	4.9577 mL
10 mM	0.2479 mL	1.2394 mL	2.4789 mL
50 mM	0.0496 mL	0.2479 mL	0.4958 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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