

IMP-1575

Chemical Properties

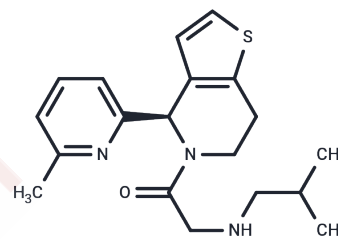
CAS No. : 3026255-85-3

Formula: C₁₉H₂₅N₃O₅

Molecular Weight: 343.49

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	IMP-1575 is a highly effective inhibitor of hedgehog acyltransferase (HHAT), with an IC ₅₀ of 0.75 μM when inhibiting purified HHAT. IMP-1575 has potential applications in cancer research.
Targets(IC ₅₀)	Hedgehog/Smoothened

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9113 mL	14.5565 mL	29.1129 mL
5 mM	0.5823 mL	2.9113 mL	5.8226 mL
10 mM	0.2911 mL	1.4556 mL	2.9113 mL
50 mM	0.0582 mL	0.2911 mL	0.5823 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