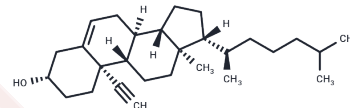


19-alkyne Cholesterol

Chemical Properties

CAS No. : 2058319-71-2
 Formula: C₂₈H₄₄O
 Molecular Weight: 396.7
 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	19-Alkyne Cholesterol, an alkyne-derivatized form of cholesterol, is utilized to trace its localization and distribution within subcellular compartments of NIH3T3 cells and to explore cholesterol's involvement in hedgehog (Hh) signal transduction within Shh-LIGHT2 cells through click chemistry alongside diverse reporter azides.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5208 mL	12.604 mL	25.208 mL
5 mM	0.5042 mL	2.5208 mL	5.0416 mL
10 mM	0.2521 mL	1.2604 mL	2.5208 mL
50 mM	0.0504 mL	0.2521 mL	0.5042 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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