

## Alkyne Cholesterol

## Chemical Properties

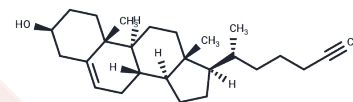
CAS No. : 1631985-09-5

Formula: C<sub>26</sub>H<sub>40</sub>O

Molecular Weight: 368.5952

Storage: Keep away from direct sunlight, Store under nitrogen  
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	AlkyneCholesterol is a modified lipid and serves as a click chemistry reagent containing an alkyne group. In the presence of a copper (Cu) catalyst, the terminal alkyne can engage in highly specific ligation reactions with azide-containing reagents. AlkyneCholesterol is useful for tracking cellular cholesterol metabolism and localization.
Targets(IC50)	Liposome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.713 mL	13.5648 mL	27.1297 mL
5 mM	0.5426 mL	2.713 mL	5.4259 mL
10 mM	0.2713 mL	1.3565 mL	2.713 mL
50 mM	0.0543 mL	0.2713 mL	0.5426 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.

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