

Photoclick cholesterol

Chemical Properties

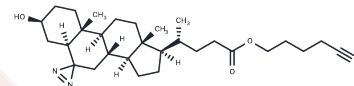
CAS No. : 1485490-47-8

Formula: C₃₀H₄₆N₂O₃

Molecular Weight: 482.70

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	Photoclickcholesterol is a sterol lipid cholesterol analogue that features a clickable terminal alkyne group and a photoactivatable diazirine moiety. It has the capability for photoaffinity labeling of the mitochondrial outer membrane translocator protein (TSPO), effectively binding cholesterol specifically to TSPO. However, excessive use of Photoclickcholesterol can decrease overall mitochondrial protein and TSPO photolabeling.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0717 mL	10.3584 mL	20.7168 mL
5 mM	0.4143 mL	2.0717 mL	4.1434 mL
10 mM	0.2072 mL	1.0358 mL	2.0717 mL
50 mM	0.0414 mL	0.2072 mL	0.4143 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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