

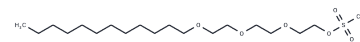
MS-PEG3-dodecyl

Chemical Properties

CAS No. : 2148295-99-0

Formula: C19H40O6S

Molecular Weight: 396.58



Keep away from direct sunlight

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	MS-PEG3-dodecyl is a PEG-based linker for PROTACs [Proteolysis Targeting Chimeras], joining two essential ligands to form PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector; one ligand binds to an E3 ubiquitin ligase, and the other to the target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5216 mL	12.6078 mL	25.2156 mL
5 mM	0.5043 mL	2.5216 mL	5.0431 mL
10 mM	0.2522 mL	1.2608 mL	2.5216 mL
50 mM	0.0504 mL	0.2522 mL	0.5043 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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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