

Bis-PEG25-TFP ester

Chemical Properties

CAS No. :

Formula: C66H106F8O29

Molecular Weight: 1515.52

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	Bis-PEG25-TFP ester, a PEG-based linker for PROTACs, connects two essential ligands necessary for the formation of PROTAC molecules, facilitating selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked together: one binding to an E3 ubiquitin ligase and the other to the target protein, utilizing the intracellular ubiquitin-proteasome system for selective protein degradation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6598 mL	3.2992 mL	6.5984 mL
5 mM	0.132 mL	0.6598 mL	1.3197 mL
10 mM	0.066 mL	0.3299 mL	0.6598 mL
50 mM	0.0132 mL	0.066 mL	0.132 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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