

m-PEG24-NH2

Chemical Properties

CAS No. :	2151823-08-2
Formula:	C49H101NO24
Molecular Weight:	1088.32
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	m-PEG24-NH2 is a PEG-based PROTAC linker that can be utilized in the synthesis of PROTACs (PROteolysis TARGETing Chimeras).
Targets(IC50)	PROTAC Linker
In vitro	PROTACs utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins by containing two different ligands connected by a linker; one ligand binds to an E3 ubiquitin ligase, and the other binds to the target protein [1].

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9188 mL	4.5942 mL	9.1885 mL
5 mM	0.1838 mL	0.9188 mL	1.8377 mL
10 mM	0.0919 mL	0.4594 mL	0.9188 mL
50 mM	0.0184 mL	0.0919 mL	0.1838 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