

## NH-bis(m-PEG8)

## Chemical Properties

CAS No. :	2055013-64-2
Formula:	C34H71NO16
Molecular Weight:	749.92
Storage:	Keep away from direct sunlight 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	NH-bis(m-PEG8) is a PEG-based linker for PROTACs joining two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs, consisting of two distinct ligands linked together– one for an E3 ubiquitin ligase and the other for the target protein– utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3335 mL	6.6674 mL	13.3348 mL
5 mM	0.2667 mL	1.3335 mL	2.667 mL
10 mM	0.1333 mL	0.6667 mL	1.3335 mL
50 mM	0.0267 mL	0.1333 mL	0.2667 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

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481