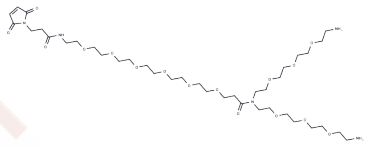
Data Sheet (Cat.No.T16235)

TargetMol

N-(Mal-PEG6)-N-bis(PEG3-amine)

Chemical Properties



CAS No. : 2055040-99-6

Formula: C38H71N5O16

Molecular Weight: 853.99

Storage: Keep away from direct sunlight
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	N-(Mal-PEG6)-N-bis(PEG3-amine) is a Polyethylene Glycol (PEG)-based proteolysis targeting chimera (PROTAC) linker used in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two different ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. These compounds utilize the intracellular ubiquitin-proteasome system to selectively degrade specific proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.171 mL	5.8549 mL	11.7097 mL
5 mM	0.2342 mL	1.171 mL	2.3419 mL
10 mM	0.1171 mL	0.5855 mL	1.171 mL
50 mM	0.0234 mL	0.1171 mL	0.2342 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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