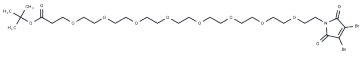
Data Sheet (Cat.No.T14027)

TargetMol

3,4-Dibromo-Mal-PEG8-Boc

Chemical Properties



CAS No. : 2055198-02-0

Formula: C27H45Br2NO12

Molecular Weight: 735.45

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	3,4-Dibromo-Mal-PEG8-Boc is a polyethylene glycol (PEG) derived PROTAC linker used in PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two ligands connected by a linker: one binds to an E3 ubiquitin ligase, and the other to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3597 mL	6.7986 mL	13.5971 mL
5 mM	0.2719 mL	1.3597 mL	2.7194 mL
10 mM	0.136 mL	0.6799 mL	1.3597 mL
50 mM	0.0272 mL	0.136 mL	0.2719 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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