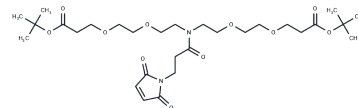


N-Mal-N-bis(PEG2-C2-Boc)

Chemical Properties

CAS No. : 2100306-51-0
Formula: C₂₉H₄₈N₂O₁₁
Molecular Weight: 600.7
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	N-Mal-N-bis(PEG2-C2-Boc) is a polyethylene glycol (PEG)-based linker for proteolysis targeting chimeras (PROTACs)[1].
Targets(IC50)	Others
In vitro	PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6647 mL	8.3236 mL	16.6472 mL
5 mM	0.3329 mL	1.6647 mL	3.3294 mL
10 mM	0.1665 mL	0.8324 mL	1.6647 mL
50 mM	0.0333 mL	0.1665 mL	0.3329 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.

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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