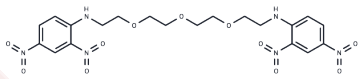
Data Sheet (Cat.No.T15151)

TargetMol

DNP-PEG3-DNP

Chemical Properties



CAS No. : 1365655-92-0

Formula: C20H24N6O11

Molecular Weight: 524.44

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	DNP-PEG3-DNP is a PEG-based linker for PROTACs that joins two essential ligands, crucial for forming PROTAC molecules, thereby enabling selective protein degradation by leveraging the [ubiquitin-proteasome system] within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other targets the specific protein intended for degradation. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9068 mL	9.534 mL	19.068 mL
5 mM	0.3814 mL	1.9068 mL	3.8136 mL
10 mM	0.1907 mL	0.9534 mL	1.9068 mL
50 mM	0.0381 mL	0.1907 mL	0.3814 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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