

## m-PEG11-Br

## Chemical Properties

CAS No. : 1258596-39-2

Formula: C<sub>23</sub>H<sub>47</sub>BrO<sub>11</sub>

Molecular Weight: 579.52



Keep away from direct sunlight

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	m-PEG11-Br is a PEG-based PROTAC linker that can be utilized in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs comprise two ligands linked together: one ligand binds to an E3 ubiquitin ligase, while the other targets the specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7256 mL	8.6278 mL	17.2557 mL
5 mM	0.3451 mL	1.7256 mL	3.4511 mL
10 mM	0.1726 mL	0.8628 mL	1.7256 mL
50 mM	0.0345 mL	0.1726 mL	0.3451 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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