

m-PEG11-OH

Chemical Properties

CAS No.:	2168540-65-4
Formula:	C ₂₃ H ₄₈ O ₁₂
Molecular Weight:	516.62
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	m-PEG11-OH is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1].
Targets(IC ₅₀)	PEGs: None
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].

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.936 mL	9.678 mL	19.357 mL
5 mM	0.387 mL	1.936 mL	3.871 mL
10 mM	0.194 mL	0.968 mL	1.936 mL
50 mM	0.039 mL	0.194 mL	0.387 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Das A, et al. Consequences of Dispersity on the Self-Assembly of ABA-Type Amphiphilic Block Co-Oligomers. ACS Macro Lett. 2018 May 15;7(5):546-550.

Inhibitors · Natural Compounds · Compound Libraries

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