

m-PEG15-alcohol

Chemical Properties

CAS No.: 2258654-78-1
Formula: C₃₁H₆₄O₁₆
Molecular Weight: 692.83
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	m-PEG15-alcohol 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	1.443 mL	7.217 mL	14.434 mL
5 mM	0.289 mL	1.443 mL	2.887 mL
10 mM	0.144 mL	0.722 mL	1.443 mL
50 mM	0.029 mL	0.144 mL	0.289 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. 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.

Inhibitors · Natural Compounds · Compound Libraries

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