

Hydroxy-PEG10-acid

Chemical Properties

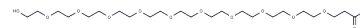
CAS No. : 2375611-66-6

Formula: C₂₃H₄₆O₁₃

Molecular Weight: 530.6

Appearance: no data available

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



Biological Description

Description	Hydroxy-PEG10-acid (HO-PEG10-CH ₂ CH ₂ COOH) is a PEG-based PROTAC linker that can be used to synthesize PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
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	1.8847 mL	9.4233 mL	18.8466 mL
5 mM	0.3769 mL	1.8847 mL	3.7693 mL
10 mM	0.1885 mL	0.9423 mL	1.8847 mL
50 mM	0.0377 mL	0.1885 mL	0.3769 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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