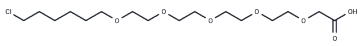
Data Sheet (Cat.No.T18639)

TargetMol
YOUR TARGET MOLECULES

Cl-C6-PEG4-O-CH2COOH

Chemical Properties



CAS No. : 1799506-30-1

Formula: C16H31ClO7

Molecular Weight: 370.87

Appearance: no data available

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

Biological Description

Description	Cl-C6-PEG4-O-CH2COOH (PROTAC Linker 4) is an effective pegylated PROTAC linker, which is often used in PROTAC synthesis of chloroanes (HaloPROTACs).
Targets(IC50)	Others
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	Ethanol: 90 mg/mL (240 mM),Sonication is recommended. DMSO: 90 mg/mL (240 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6964 mL	13.4818 mL	26.9636 mL
5 mM	0.5393 mL	2.6964 mL	5.3927 mL
10 mM	0.2696 mL	1.3482 mL	2.6964 mL
50 mM	0.0539 mL	0.2696 mL	0.5393 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

Buckley DL, Raina K, Darricarrere N, et al. HaloPROTACS: Use of Small Molecule PROTACs to Induce Degradation of HaloTag Fusion Proteins. ACS Chem Biol. 2015;10(8):1831-1837.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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