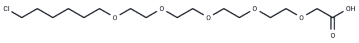
Data Sheet (Cat.No.T18639)

TargetMol

Cl-C6-PEG4-O-CH2COOH

Chemical Properties



CAS No. : 1799506-30-1

Formula: C16H31ClO7

Molecular Weight: 370.87

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	Cl-C6-PEG4-O-CH2COOH (PROTAC Linker 4) is an efficient pegylated PROTAC linker commonly used in the synthesis of chloroanes (HaloPROTACs).
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands linked by a connector: one ligand targets an E3 ubiquitin ligase, and the other binds to the target protein. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Solubility Information

Solubility	Ethanol: 90 mg/mL (242.67 mM),Sonication is recommended. DMSO: 90 mg/mL (242.67 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.

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

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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481