

Octaethylene glycol monomethyl ether

Chemical Properties

CAS No. : 25990-96-9

Formula: C17H36O9

Molecular Weight: 384.462



Keep away from direct sunlight

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Octaethylene glycol monomethyl ether, a PEG-based linker, serves as an essential component in the synthesis of PROTACs[1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs comprise two distinct ligands joined by a linker; one binds to an E3 ubiquitin ligase, and the other to a target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6011 mL	13.0053 mL	26.0105 mL
5 mM	0.5202 mL	2.6011 mL	5.2021 mL
10 mM	0.2601 mL	1.3005 mL	2.6011 mL
50 mM	0.052 mL	0.2601 mL	0.5202 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

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

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