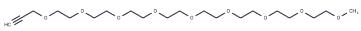
Data Sheet (Cat.No.T18222)

TargetMol
YOUR TARGET MOLECULES

m-PEG8-O-alkyne

Chemical Properties



CAS No. : 880081-81-2

Formula: C20H38O9

Molecular Weight: 422.51

Appearance: no data available

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

Biological Description

Description	m-PEG8-O-alkyne is a PEG-based PROTAC linker. m-PEG8-O-alkyne can be used in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs contain two different ligands connected by a linker; one of them is a ligand for an E3 ubiquitin ligase and the other one 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	2.3668 mL	11.834 mL	23.6681 mL
5 mM	0.4734 mL	2.3668 mL	4.7336 mL
10 mM	0.2367 mL	1.1834 mL	2.3668 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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.

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