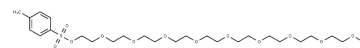


m-PEG10-Tos

Chemical Properties

CAS No. :	211859-75-5
Formula:	C26H46O12S
Molecular Weight:	582.7
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	m-PEG10-Tos is a PEG-based linker for PROTACs, facilitating the formation of PROTAC molecules by joining two essential ligands. This linker promotes selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands linked by a connector: one binding to an E3 ubiquitin ligase and the other to a target protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7161 mL	8.5807 mL	17.1615 mL
5 mM	0.3432 mL	1.7161 mL	3.4323 mL
10 mM	0.1716 mL	0.8581 mL	1.7161 mL
50 mM	0.0343 mL	0.1716 mL	0.3432 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

Jennifer Riggs-Sauthier, et al. Oligomer-opioid agonist conjugates. US8575196B2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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