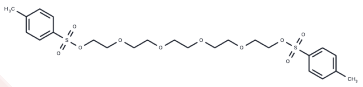
Data Sheet (Cat.No.T18537)

TargetMol

Pentaethylene glycol di(p-toluenesulfonate)

Chemical Properties



CAS No. : 41024-91-3

Formula: C24H34O10S2

Molecular Weight: 546.65

Storage: Keep away from direct sunlight
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	Pentaethylene glycol di(p-toluenesulfonate) (Penta(ethylene glycol) bis(p-toluenesulfonate)) is a PEG-based PROTAC linker. Pentaethylene glycol di(p-toluenesulfonate) can be used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8293 mL	9.1466 mL	18.2932 mL
5 mM	0.3659 mL	1.8293 mL	3.6586 mL
10 mM	0.1829 mL	0.9147 mL	1.8293 mL
50 mM	0.0366 mL	0.1829 mL	0.3659 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

Snaebjornsson MT, et al. Non-canonical functions of enzymes facilitate cross-talk between cell metabolic and regulatory pathways. Exp Mol Med. 2018 Apr 16;50(4):34.

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