

Nonylbenzene-PEG8-OH

Chemical Properties

CAS No. : 41506-14-3

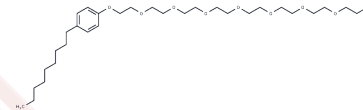
Formula: C₃₁H₅₆O₉

Molecular Weight: 572.78

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	Nonylbenzene-PEG8-OH, a PEG-based linker for PROTACs, facilitates the formation of PROTAC molecules by joining two essential ligands, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein, facilitating selective protein degradation via the intracellular ubiquitin-proteasome system[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7459 mL	8.7294 mL	17.4587 mL
5 mM	0.3492 mL	1.7459 mL	3.4917 mL
10 mM	0.1746 mL	0.8729 mL	1.7459 mL
50 mM	0.0349 mL	0.1746 mL	0.3492 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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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