

3,6,9-Trioxaundecanedioic Acid

Chemical Properties

CAS No. : 13887-98-4

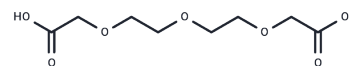
Formula: C₈H₁₄O₇

Molecular Weight: 222.19

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	369-Trioxaundecanedioic Acid, a PEG-based PROTAC linker, facilitates PROTAC synthesis [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one binds to an E3 ubiquitin ligase and the other to the target protein. They harness the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5007 mL	22.5033 mL	45.0065 mL
5 mM	0.9001 mL	4.5007 mL	9.0013 mL
10 mM	0.4501 mL	2.2503 mL	4.5007 mL
50 mM	0.090 mL	0.4501 mL	0.9001 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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