

Phthalimide-PEG4-PDM-OTBS

Chemical Properties

CAS No. :

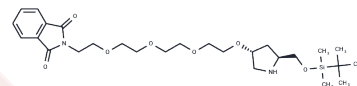
Formula: C₂₇H₄₄N₂O₇Si

Molecular Weight: 536.73

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	Phthalimide-PEG4-PDM-OTBS is a PROTAC linker comprised of polyethylene glycols (PEGs) utilized in the synthesis of various PROTACs, which consist of two distinct ligands connected by a linker: one ligand binds to an E3 ubiquitin ligase, and the other binds to the target protein, leveraging the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].
Targets(IC50)	Others,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8631 mL	9.3157 mL	18.6313 mL
5 mM	0.3726 mL	1.8631 mL	3.7263 mL
10 mM	0.1863 mL	0.9316 mL	1.8631 mL
50 mM	0.0373 mL	0.1863 mL	0.3726 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

CREW, Andrew P., et al. MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE. WO2019195609A2.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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