

Pyrene azide 3

Chemical Properties

CAS No. : 2252168-06-0

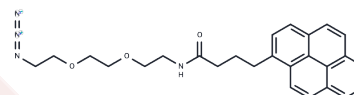
Formula: C₂₆H₂₈N₄O₃

Molecular Weight: 444.535

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	Pyrene azide 3 is a PEG-based linker for PROTACs, facilitating the connection between two essential ligands to form PROTAC molecules, thereby enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are composed of two ligands linked together: 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	2.2495 mL	11.2476 mL	22.4952 mL
5 mM	0.4499 mL	2.2495 mL	4.499 mL
10 mM	0.225 mL	1.1248 mL	2.2495 mL
50 mM	0.045 mL	0.225 mL	0.4499 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

Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-1014.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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