

Biotin-PEG2-C2-iodoacetamide

Chemical Properties

CAS No. : 292843-75-5

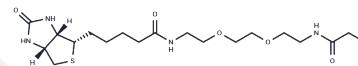
Formula: C₁₈H₃₁N₄O₅S

Molecular Weight: 542.43

Store at low temperature

Storage: 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	Biotin-PEG2-C2-iodoacetamide (Biotin-PEG2-iodoacetamide) is a PEG-based PROTAC linker that can be used in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct ligands linked together: one binds to an E3 ubiquitin ligase, while the other targets a specific protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8436 mL	9.2178 mL	18.4356 mL
5 mM	0.3687 mL	1.8436 mL	3.6871 mL
10 mM	0.1844 mL	0.9218 mL	1.8436 mL
50 mM	0.0369 mL	0.1844 mL	0.3687 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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