

Biotin-EDA

Chemical Properties

CAS No. : 111790-37-5

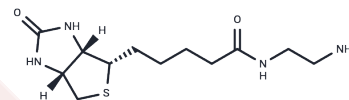
Formula: C₁₂H₂₂N₄O₂S

Molecular Weight: 286.39

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	Biotin-EDA, an alkyl chain-based PROTAC linker, is utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand binds an E3 ubiquitin ligase, and the other targets a specific protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4917 mL	17.4587 mL	34.9174 mL
5 mM	0.6983 mL	3.4917 mL	6.9835 mL
10 mM	0.3492 mL	1.7459 mL	3.4917 mL
50 mM	0.0698 mL	0.3492 mL	0.6983 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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