

(+)-Biotin-ONP

Chemical Properties

CAS No. : 33755-53-2

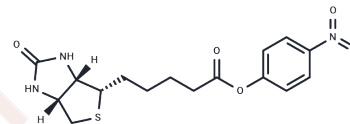
Formula: C₁₆H₁₉N₃O₅S

Molecular Weight: 365.4

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-ONP ((+)-Biotin 4-nitrophenyl ester) is an alkyl chain-based PROTAC linker. (+)-Biotin-ONP can be used in the synthesis of PROTACs.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two ligands joined by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade these target proteins[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7367 mL	13.6836 mL	27.3673 mL
5 mM	0.5473 mL	2.7367 mL	5.4735 mL
10 mM	0.2737 mL	1.3684 mL	2.7367 mL
50 mM	0.0547 mL	0.2737 mL	0.5473 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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