

## 5-(Biotinamido)pentylazide

## Chemical Properties

CAS No. : 1349190-76-6

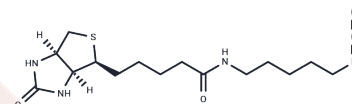
Formula: C<sub>15</sub>H<sub>26</sub>N<sub>6</sub>O<sub>2</sub>S

Molecular Weight: 354.47

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	5-Biotinamidopentylazide is a PROTAC linker compound derived from an alkyl chain. This compound finds utility in the synthesis of PROTACs.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets a specific protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs selectively degrade target proteins [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8211 mL	14.1056 mL	28.2111 mL
5 mM	0.5642 mL	2.8211 mL	5.6422 mL
10 mM	0.2821 mL	1.4106 mL	2.8211 mL
50 mM	0.0564 mL	0.2821 mL	0.5642 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

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