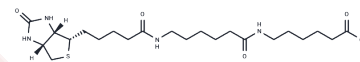


## Biotin-C5-amino-C5-amino

## Chemical Properties

CAS No. :	89889-51-0
Formula:	C <sub>22</sub> H <sub>38</sub> N <sub>4</sub> O <sub>5</sub> S
Molecular Weight:	470.63
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Biotin-C5-amino-C5-amino is an alkyl chain-based PROTAC linker utilized in PROTAC synthesis.
Targets(IC50)	PROTAC Linker
In vitro	PROTACs consist of two distinct 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	2.1248 mL	10.6241 mL	21.2481 mL
5 mM	0.425 mL	2.1248 mL	4.2496 mL
10 mM	0.2125 mL	1.0624 mL	2.1248 mL
50 mM	0.0425 mL	0.2125 mL	0.425 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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