

N-(Propargyl-PEG4)-biocytin

Chemical Properties

CAS No. : 2055042-71-0

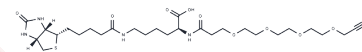
Formula: C₂₈H₄₆N₄O₉S

Molecular Weight: 614.75

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	N-(Propargyl-PEG4)-biocytin is a polyethylene glycol (PEG)-based linker designed for constructing proteolysis targeting chimeras (PROTACs) [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, and the other targets the protein of interest. These compounds leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6267 mL	8.1334 mL	16.2668 mL
5 mM	0.3253 mL	1.6267 mL	3.2534 mL
10 mM	0.1627 mL	0.8133 mL	1.6267 mL
50 mM	0.0325 mL	0.1627 mL	0.3253 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481