

## Folate-PEG3-azide

## Chemical Properties

CAS No. : 1313026-32-2

Formula: C<sub>27</sub>H<sub>35</sub>N<sub>11</sub>O<sub>8</sub>

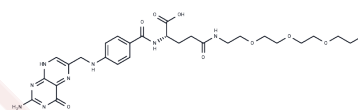
Molecular Weight: 641.64

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Folate-PEG3-azide, a PEG-based linker for PROTACs, connects two essential ligands crucial for PROTAC molecule formation and enables selective protein degradation by leveraging the ubiquitin-proteasome system within cells.
Targets(IC50)	Others, PROTAC Linker
In vitro	PROTACs, consisting of two ligands connected by a linker—one targeting an E3 ubiquitin ligase and the other the target protein—utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5585 mL	7.7925 mL	15.5851 mL
5 mM	0.3117 mL	1.5585 mL	3.117 mL
10 mM	0.1559 mL	0.7793 mL	1.5585 mL
50 mM	0.0312 mL	0.1559 mL	0.3117 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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