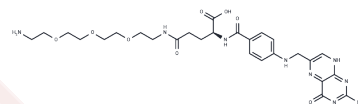


## Folate-PEG3-amine

## Chemical Properties

CAS No. :	710323-40-3
Formula:	C <sub>27</sub> H <sub>37</sub> N <sub>9</sub> O <sub>8</sub>
Molecular Weight:	615.648
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	Folate-PEG3-amine is a three-unit polyethylene glycol (PEG) linker, which is cleavable. This linker is specifically employed in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6243 mL	8.1215 mL	16.243 mL
5 mM	0.3249 mL	1.6243 mL	3.2486 mL
10 mM	0.1624 mL	0.8121 mL	1.6243 mL
50 mM	0.0325 mL	0.1624 mL	0.3249 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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