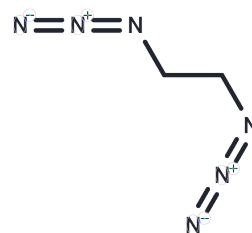


Azide-C2-Azide

Chemical Properties

CAS No. :	629-13-0
Formula:	C ₂ H ₄ N ₆
Molecular Weight:	112.0934
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	Azide-C2-Azide, a cleavable linker crucial in ADC (Antibody-Drug Conjugate) synthesis, joins cytotoxic drugs to antibodies, enabling precise delivery to target cells or proteins. Its cleavable nature ensures controlled drug release, optimizing the effectiveness of ADCs.
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody connected to a cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9214 mL	44.607 mL	89.214 mL
5 mM	1.7843 mL	8.9214 mL	17.8428 mL
10 mM	0.8921 mL	4.4607 mL	8.9214 mL
50 mM	0.1784 mL	0.8921 mL	1.7843 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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