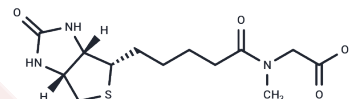


Biotin-sar-oh

Chemical Properties

CAS No. :	154024-76-7
Formula:	C ₁₃ H ₂₁ N ₃ O ₄ S
Molecular Weight:	315.39
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	Biotin-sar-oh is a cleavable linker essential in ADC synthesis, facilitating the attachment of cytotoxic drugs to antibodies for targeted delivery to specific cells or proteins. Its cleavable nature ensures controlled drug release, thereby optimizing the effectiveness of 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	3.1707 mL	15.8534 mL	31.7068 mL
5 mM	0.6341 mL	3.1707 mL	6.3414 mL
10 mM	0.3171 mL	1.5853 mL	3.1707 mL
50 mM	0.0634 mL	0.3171 mL	0.6341 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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