

5-Maleimidovaleric acid

Chemical Properties

CAS No. :	57078-99-6
Formula:	C ₉ H ₁₁ NO ₄
Molecular Weight:	197.188
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	5-Maleimidovaleric acid is a degradable ADC linker utilised in synthesising antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker,PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0713 mL	25.3563 mL	50.7125 mL
5 mM	1.0143 mL	5.0713 mL	10.1425 mL
10 mM	0.5071 mL	2.5356 mL	5.0713 mL
50 mM	0.1014 mL	0.5071 mL	1.0143 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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