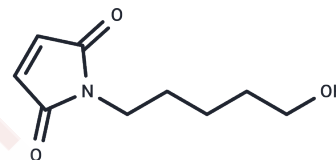


N-(5-Hydroxypentyl)maleimide

Chemical Properties

CAS No. :	180608-78-0
Formula:	C ₉ H ₁₃ NO ₃
Molecular Weight:	183.2
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	N-(5-Hydroxypentyl)maleimide is a non-cleavable ADC linker used in synthesizing antibody-drug conjugates (ADCs) and is essential in producing the ADC compound Gemcitabine-O-Si(di-iso)-O-Mc [1].
Targets(IC50)	ADC Linker,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody connected to a cytotoxin via a linker. [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4585 mL	27.2926 mL	54.5852 mL
5 mM	1.0917 mL	5.4585 mL	10.917 mL
10 mM	0.5459 mL	2.7293 mL	5.4585 mL
50 mM	0.1092 mL	0.5459 mL	1.0917 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

Finniss, M. C., et al. A versatile acid-labile linker for antibody-drug conjugates. Med. Chem. Commun., 2014, 5(9), 1355-1358.

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