

Mc-O-Si(di-iso)-Cl

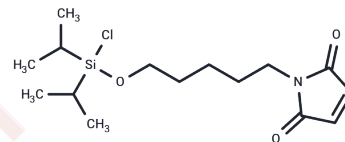
Chemical Properties

CAS No. :

Formula: C₁₅H₂₆ClNO₃Si

Molecular Weight: 331.91

Storage: Keep away from direct sunlight
 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	Mc-O-Si(di-iso)-Cl is a cleavable ADC linker, frequently used in the synthesis of antibody-drug conjugates (ADCs) such as Gemcitabine-O-Si(di-iso)-O-Mc [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	Antibody-drug conjugates (ADCs) consist of an antibody linked to a cytotoxic drug via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0129 mL	15.0643 mL	30.1286 mL
5 mM	0.6026 mL	3.0129 mL	6.0257 mL
10 mM	0.3013 mL	1.5064 mL	3.0129 mL
50 mM	0.0603 mL	0.3013 mL	0.6026 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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