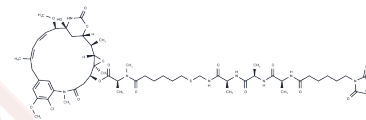


DM21

Chemical Properties

CAS No. : 2243689-80-5
 Formula: C₅₈H₈₃ClN₈O₁₆S
 Molecular Weight: 1215.85
 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	DM21 is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	Drug-Linker Conjugates for ADC
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8225 mL	4.1123 mL	8.2247 mL
5 mM	0.1645 mL	0.8225 mL	1.6449 mL
10 mM	0.0822 mL	0.4112 mL	0.8225 mL
50 mM	0.0164 mL	0.0822 mL	0.1645 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

Scott A. Hilderbrand, et al. Methods of preparing cell-binding agent-drug conjugates. WO2020191306A1.

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