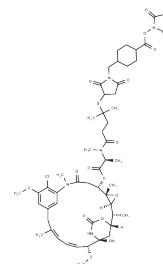


## DM4-SMCC

## Chemical Properties

CAS No. :	1228105-52-9
Formula:	C54H72ClN5O16S
Molecular Weight:	1114.69
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	DM4-SMCC, a non-cleavable drug-linker conjugate for antibody-drug conjugates (ADC), leverages the antitumor efficacy of DM4 (an antitubulin agent) through attachment with the SMCC linker, exhibiting antitumor activity[1].
Targets(IC50)	Drug-Linker Conjugates for ADC,PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8971 mL	4.4856 mL	8.9711 mL
5 mM	0.1794 mL	0.8971 mL	1.7942 mL
10 mM	0.0897 mL	0.4486 mL	0.8971 mL
50 mM	0.0179 mL	0.0897 mL	0.1794 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

Singh R, et al. A New Triglycyl Peptide Linker for Antibody-Drug Conjugates (ADCs) with Improved Targeted Killing of Cancer Cells. Mol Cancer Ther. 2016 Jun;15(6):1311-20.

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