

(Rac)-Lys-SMCC-DM1

Chemical Properties

CAS No. :

Formula: C₅₃H₇₅ClN₆O₁₅S

Molecular Weight: 1103.71

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	(Rac)-Lys-SMCC-DM1 ((Rac)-Lys-Ne-MCC-DM1) is the racemic form of Lys-SMCC-DM1, which serves as a linker-payload component capable of inhibiting tubulin polymerization. It is also recognized as the active metabolite of T-DM1 [1].
Targets(IC50)	Drug-Linker Conjugates for ADC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.906 mL	4.5302 mL	9.0604 mL
5 mM	0.1812 mL	0.906 mL	1.8121 mL
10 mM	0.0906 mL	0.453 mL	0.906 mL
50 mM	0.0181 mL	0.0906 mL	0.1812 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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