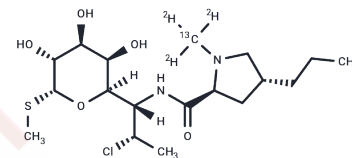


Clindamycin-13C-D3

Chemical Properties

CAS No. :	2140264-63-5
Formula:	13CC17D3H30ClN2O5S
Molecular Weight:	428.99
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	Clindamycin-13C-D3 the 13C and deuterated compound of Clindamycin (T6447). Clindamycin has a CAS number of 18323-44-9. Clindamycin dissociates peptidyl-tRNA from the bacterial ribosome, thereby disrupting bacterial protein synthesis. Clindamycin is a semisynthetic broad-spectrum antibiotic produced by chemical modification of the parent compound lincomycin.
Targets(IC50)	Antibacterial, Antibiotic, Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3311 mL	11.6553 mL	23.3106 mL
5 mM	0.4662 mL	2.3311 mL	4.6621 mL
10 mM	0.2331 mL	1.1655 mL	2.3311 mL
50 mM	0.0466 mL	0.2331 mL	0.4662 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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