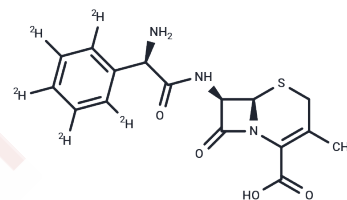


Cephalexin-D5

Chemical Properties

CAS No. :	2101505-56-8
Formula:	C ₁₆ H ₁₂ D ₅ N ₃ O ₄ S
Molecular Weight:	352.42
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	Cephalexin-D5 is a deuterated compound of Cephalexin (T1008).
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8375 mL	14.1876 mL	28.3752 mL
5 mM	0.5675 mL	2.8375 mL	5.675 mL
10 mM	0.2838 mL	1.4188 mL	2.8375 mL
50 mM	0.0568 mL	0.2838 mL	0.5675 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

Schooley R T , Carlin A F , Beadle J R , et al. Rethinking Remdesivir: Synthesis of Lipid Prodrugs that Substantially Enhance Anti-Coronavirus Activity. 2020.

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