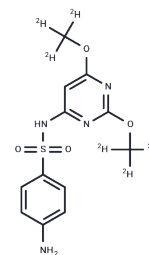


Sulfadimethoxine-D6

Chemical Properties

CAS No. :	73068-02-7
Formula:	C ₁₂ H ₈ D ₆ N ₄ O ₄ S
Molecular Weight:	316.37
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	Sulfadimethoxine-D6 is a deuterated compound of Sulfadimethoxine. Sulfadimethoxine (T1078) has a CAS number of 122-11-2. Sulfadimethoxine (T1078) is a sulfanilamide that is used as an anti-infective agent.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1609 mL	15.8043 mL	31.6086 mL
5 mM	0.6322 mL	3.1609 mL	6.3217 mL
10 mM	0.3161 mL	1.5804 mL	3.1609 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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

Song KM, et al. Biosens Bioelectron. 2012 Mar 15;33(1):113-9.

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