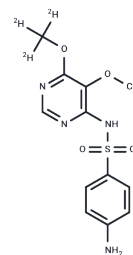


Sulfadoxine-D3

Chemical Properties

CAS No. :	1262770-70-6
Formula:	C ₁₂ H ₁₁ D ₃ N ₄ O ₄ S
Molecular Weight:	313.35
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	Sulfadoxine-D3 is a deuterated compound of Sulfadoxine. Sulfadoxine (T0836) has a CAS number of 2447-57-6. Sulfadoxine (T0836) is a broad-spectrum sulfanilamide and a synthetic analog of para-aminobenzoic acid (PABA) with bacteriostatic and antimalarial properties.
Targets(IC50)	Antibiotic,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1913 mL	15.9566 mL	31.9132 mL
5 mM	0.6383 mL	3.1913 mL	6.3826 mL
10 mM	0.3191 mL	1.5957 mL	3.1913 mL
50 mM	0.0638 mL	0.3191 mL	0.6383 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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