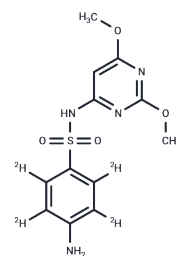


Sulfadimethoxine-d4

Chemical Properties

CAS No. : 1020719-80-5
Formula: C₁₂H₁₄N₄O₄S
Molecular Weight: 314.35
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Sulfadimethoxine D4 is a deuterium labeled Sulfadimethoxine (Sulphadimethoxine). Sulfadimethoxine is a sulfonamide antibiotic used to treat many infections.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1812 mL	15.9058 mL	31.8117 mL
5 mM	0.6362 mL	3.1812 mL	6.3623 mL
10 mM	0.3181 mL	1.5906 mL	3.1812 mL
50 mM	0.0636 mL	0.3181 mL	0.6362 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.

Reference

AGUIRRE M, [Sulfadimethoxine in various infections. Results]. Rev Clin Esp. 1961 Sep 30;82:394-9.
Guerard JJ, et al. Photochemical fate of sulfadimethoxine in aquaculture waters. Environ Sci Technol. 2009 Nov 15;

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