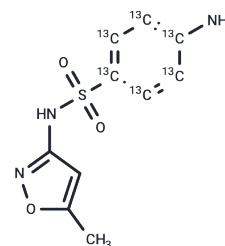


Sulfamethoxazole-13C6

Chemical Properties

CAS No. :	1196157-90-0
Formula:	13C6C4H11N3O3S
Molecular Weight:	259.23
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	Sulfamethoxazole-13C6 is the 13C labeled compound of Sulfamethoxazole. Sulfamethoxazole (T0885) has a CAS number of 723-46-6. Sulfamethoxazole (T0885) is a Sulfonamide Antimicrobial. The mechanism of action of sulfamethoxazole is as a Cytochrome P450 2C9 Inhibitor. The chemical classification of sulfamethoxazole is Sulfonamides.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8576 mL	19.2879 mL	38.5758 mL
5 mM	0.7715 mL	3.8576 mL	7.7152 mL
10 mM	0.3858 mL	1.9288 mL	3.8576 mL
50 mM	0.0772 mL	0.3858 mL	0.7715 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

Winstanley PA, et al. Antimicrob Agents ChemOthers. 1995 Apr;39(4):948-52.

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