

Sulfamethizole-D4

Chemical Properties

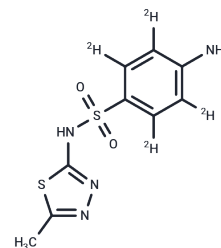
CAS No. :

Formula: C₉H₆D₄N₄O₂S₂

Molecular Weight: 274.36

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	Sulfamethizole-D4 is a deuterated compound of Sulfamethizole. Sulfamethizole (T0754) has a CAS number of 144-82-1. Sulfamethizole (T0754) is a sulfathiazole antibacterial reagent.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6448 mL	18.2242 mL	36.4485 mL
5 mM	0.729 mL	3.6448 mL	7.2897 mL
10 mM	0.3645 mL	1.8224 mL	3.6448 mL
50 mM	0.0729 mL	0.3645 mL	0.729 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

1. Watanabe H, Hastings JW. Biochim Biophys Acta. 1990 Jun 26;1017(3):229-34.

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