

Thiamphenicol-Methyl-D3

Chemical Properties

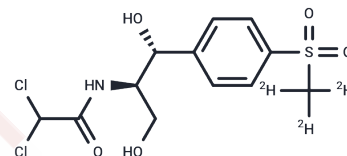
CAS No. :

Formula: C₁₂H₁₂D₃Cl₂N₂O₅S

Molecular Weight: 359.241

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

Thiamphenicol-Methyl-D3 is a deuterated compound of Thiamphenicol. Thiamphenicol (T1550) has a CAS number of 15318-45-3. Thiamphenicol (T1550) is a methylsulfonyl analog of chloramphenicol. It is an antibiotic and immunosuppressive agent.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7837 mL	13.9183 mL	27.8365 mL
5 mM	0.5567 mL	2.7837 mL	5.5673 mL
10 mM	0.2784 mL	1.3918 mL	2.7837 mL
50 mM	0.0557 mL	0.2784 mL	0.5567 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

Berman HM, et al. Nucleic Acids Res. 2000 Jan 1; 28(1): 235-42.

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481