

Rifampicin-D3

Chemical Properties

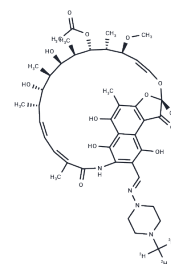
CAS No. :

Formula: C₄₃H₅₅D₃N₄O₁₂

Molecular Weight: 825.96

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

Rifampicin-D3 is a deuterated compound of Rifampicin. Rifampicin (T0681) has a CAS number of 13292-46-1. Rifampicin (T0681) is an antibacterial drug of the class of rifamycin.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2107 mL	6.0536 mL	12.1071 mL
5 mM	0.2421 mL	1.2107 mL	2.4214 mL
10 mM	0.1211 mL	0.6054 mL	1.2107 mL
50 mM	0.0242 mL	0.1211 mL	0.2421 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. Wang X, et al. FASEB J, 2013, 27(7), 2713-2722.

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