

Rifabutin-D7

Chemical Properties

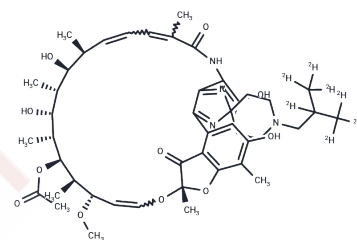
CAS No. :

Formula: C₄₆H₅₅D₇N₄O₁₁

Molecular Weight: 854.05

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

Rifabutin-D7 is a deuterated compound of Rifabutin. Rifabutin (T1501) has a CAS number of 72559-06-9. Rifabutin (T1501) inhibits bacterial DNA-dependent RNA polymerase, thereby suppressing the initiation of RNA formation and leading to inhibition of RNA synthesis and transcription. Rifabutin (T1501) is a semisynthetic ansamycin antibiotic with potent antimycobacterial properties.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1709 mL	5.8545 mL	11.7089 mL
5 mM	0.2342 mL	1.1709 mL	2.3418 mL
10 mM	0.1171 mL	0.5854 mL	1.1709 mL
50 mM	0.0234 mL	0.1171 mL	0.2342 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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