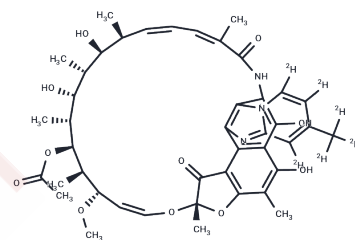


Rifaximin-D6

Chemical Properties

CAS No. :	1262992-43-7
Formula:	C43H51N3O11
Molecular Weight:	791.916
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	Rifaximin-D6 is a deuterated compound of Rifaximin. Rifaximin (T1154) has a CAS number of 80621-81-4. Rifaximin (T1154) is an orally administered, semi-synthetic, nonsystemic antibiotic derived from rifamycin SV with antibacterial activity. Rifaximin (T1154) binds to the beta-subunit of bacterial DNA-dependent RNA polymerase, inhibiting bacterial RNA synthesis and bacterial cell growth.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2628 mL	6.3138 mL	12.6275 mL
5 mM	0.2526 mL	1.2628 mL	2.5255 mL
10 mM	0.1263 mL	0.6314 mL	1.2628 mL
50 mM	0.0253 mL	0.1263 mL	0.2526 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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