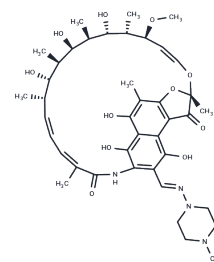


25-Desacetyl Rifampicin

Chemical Properties

CAS No. :	16783-99-6
Formula:	C ₄₁ H ₅₆ N ₄ O ₁₁
Molecular Weight:	780.92
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	25-Desacetyl rifampicin is a major active metabolite of the rifamycin antibiotic rifampicin. 25-Desacetyl rifampicin is active against <i>M. smegmatis</i> (MIC ₉₉ = 2.66 μM).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2805 mL	6.4027 mL	12.8054 mL
5 mM	0.2561 mL	1.2805 mL	2.5611 mL
10 mM	0.1281 mL	0.6403 mL	1.2805 mL
50 mM	0.0256 mL	0.1281 mL	0.2561 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

Kigundu, E.M., Njoroge, M., Singh, K., et al. Synthesis and synergistic antimycobacterial screening of chlorpromazine and its metabolites *Med. Chem. Commun.* 5:502-506(2014)

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481