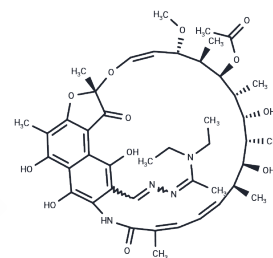


## Rifametane

## Chemical Properties

CAS No. :	94168-98-6
Formula:	C <sub>44</sub> H <sub>60</sub> N <sub>4</sub> O <sub>12</sub>
Molecular Weight:	836.98
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	Rifametane is a new semi-synthetic rifamycin, an antibiotic produced naturally by the bacterium <i>Amycolatopsis rifamycinica</i> .
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1948 mL	5.9739 mL	11.9477 mL
5 mM	0.239 mL	1.1948 mL	2.3895 mL
10 mM	0.1195 mL	0.5974 mL	1.1948 mL
50 mM	0.0239 mL	0.1195 mL	0.239 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

- Bruzzese T, Rimaroli C, Bonabello A, Mozzi G, Ajay S, Cooverj ND. Pharmacokinetics and tissue distribution of rifametane, a new 3-azinomethyl-rifamycin derivative, in several animal species. *Arzneimittelforschung*. 2000 Jan; 50(1):60-71. PubMed PMID: 10683718.
- Potkar C, Gogtay N, Gokhale P, Kshirsagar NA, Ajay S, Cooverji ND, Bruzzese T. Phase I pharmacokinetic study of a new 3-azinomethyl-rifamycin (rifametane) as compared to rifampicin. *Chemotherapy*. 1999 May-Jun;45(3):147-53. PubMed PMID: 10224335.
- Kelkar MS, Saraf AP, Bakhle DS, Nazare V, Ajay S, Hegde S, Lal HM, Cooverji ND, Bruzzese T. Pharmacokinetic profile of a new 3-azinomethyl rifamycin (SPA-S-565) in volunteers as compared with conventional rifampicin. *Int J Clin Pharmacol Res*. 1998;18(3):137-43. PubMed PMID: 9825270.

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