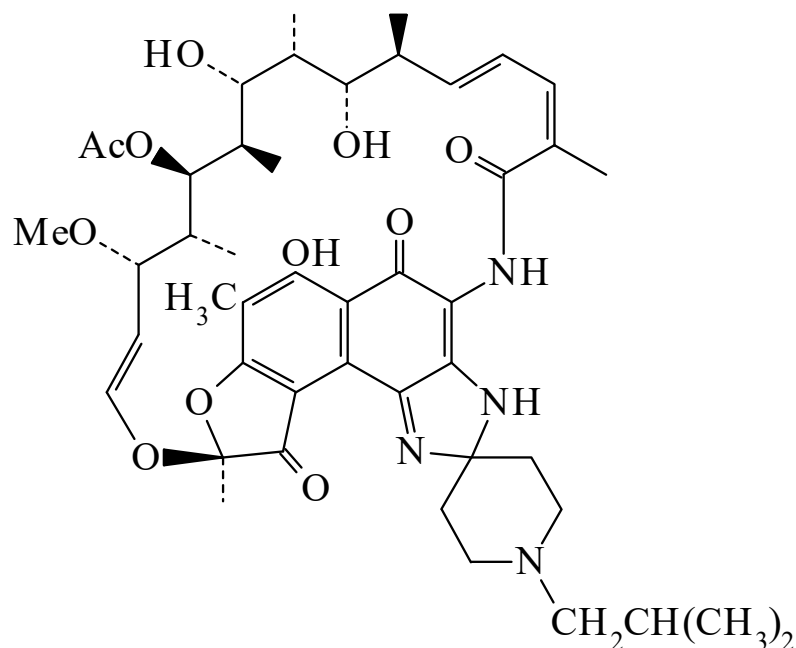




>>Entry Name: Rifabutin, BAN, INN

Synonym(s): 1',4-Didehydro-1-deoxy-1,4-dihydro-5'-(2-methylpropyl)-1-oxorifamycin XIV. LM 427. Antibiotic LM427. Mycobutin



CAS Registry Number: 72559-06-9

Molecular Formula: $C_{46}H_{62}N_4O_{11}$

Molecular Weight: 847.016

Accurate Mass: 846.441511

Percentage Composition: C 65.23%; H 7.38%; N 6.61%; O 20.78%

Source/Synthesis: Semisynthetic; prepd. from Rifamycin S [CJW99-U](#)

Use/Importance: Broad spectrum antibiotic; tuberculostatic agent. Also shows antiviral (HIV) activity, used for prevention of mycobacterium avium complex (MAC) in AIDS patients

Development Status: Launched 1992 (Italy)

Calculated Log P Data: Log P 2.39 (uncertain value) (calc)

References:

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Skinner, M.H. *et al.*, *Antimicrob. Agents Chemother.*, 1989, **33**, 1237, (*pharmacokinetic*)
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