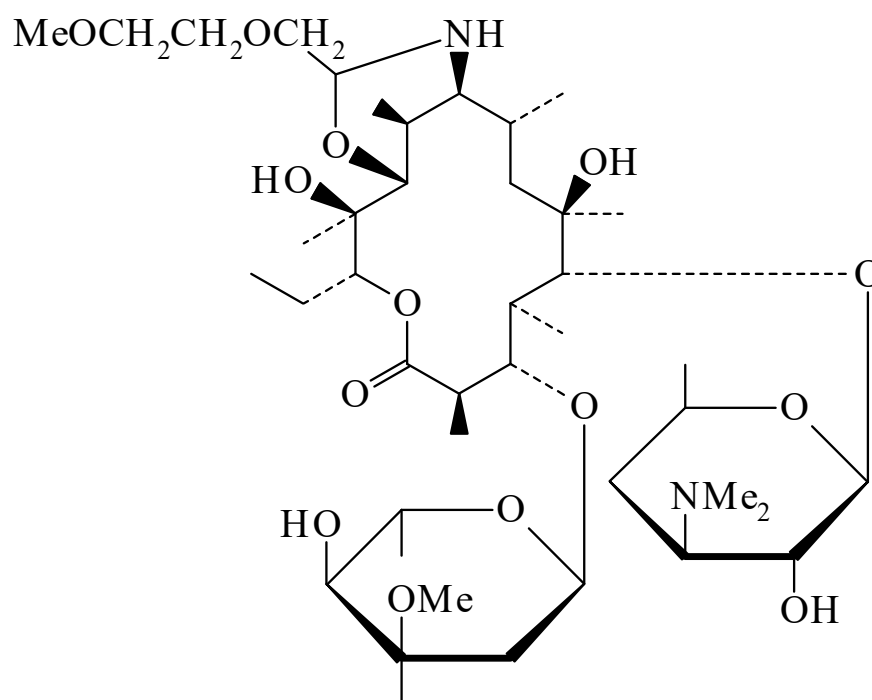




>>Entry Name: Dirithromycin, BAN, INN, USAN

Synonym(s): 9-Deoxy-11-deoxy-9,11-[imino[2-(2-methoxyethoxy)ethylidene]oxy]erythromycin, 9Cl. Diritross. Dynabac. Nortron. ASE 136BS. LY 237216



CAS Registry Number: 62013-04-1

Related CAS Registry Numbers(s): 88123-00-6

Type of Compound Code(s): XA1200

Molecular Formula: C₄₂H₇₈N₂O₁₄

Molecular Weight: 835.083

Accurate Mass: 834.545308

Percentage Composition: C 60.41%; H 9.41%; N 3.35%; O 26.82%

Use/Importance: Antibiotic

Physical Description: Cryst.

Development Status: Launched 1993 (Spain)

Melting Point: Mp 186-189 dec.°. Mp 95-100°

Calculated Log P Data: Log P 1.29 (uncertain value) (calc)

References:

Ger. Pat., 1976, *Dr Karl Thomae*, 2 515 075; *CA*, **86**, 106992r, (*synth, pharmacol*)

Luger, P. *et al.*, *J. Cryst. Mol. Struct.*, 1979, **9**, 329, (*cryst struct*)

Baldit, C. *et al.*, *Therapie*, 1987, **42**, 263, (*pharmacol*)

Drugs of the Future, 1989, **14**, 112, (*rev*)

Yu, K.-W. *et al.*, *Antimicrob. Agents Chemother.*, 1990, **34**, 1839, (*activity*)

Firl, J. *et al.*, *J. Antibiot.*, 1990, **43**, 1271, (*pmr, cmr*)

Counter, F.T. *et al.*, *Antimicrob. Agents Chemother.*, 1991, **35**, 1116, (*synth, activity*)

J. Antimicrob. Chemother., (eds., Finch, R.G., *et al*), *Suppl. C*, 1993, **31**, 1; 77, (*rev*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 160

McGill, J.M., *Synthesis*, 1993, 1089, (*synth*)

Brogden, R.N. *et al.*, *Drugs*, 1994, **48**, 599, (*rev*)