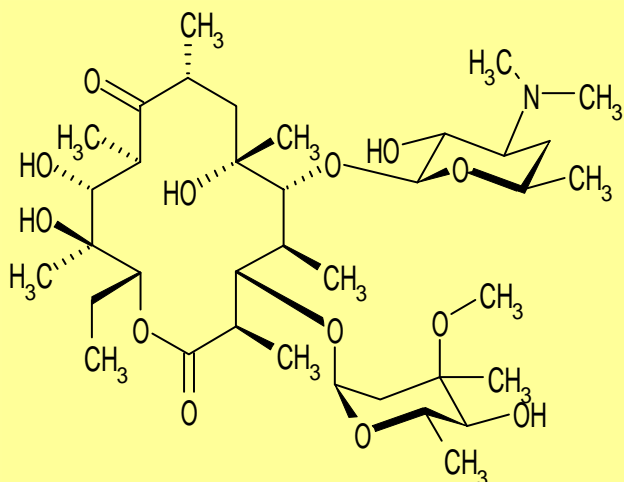


Erythromycin

Cat.# BLK0850

Structure

**Origin:** *streptomyces erythreus*.**CAS Registry Number:** 114-07-8**CA Index Name:****Appearance:** white solid**Molecular Formula/ Weight:** C₃₇H₆₇NO₁₃=733.94**Melting Point:** 190-193**Purity:** >95.0% by ELSD**Solubility:** Sol. in 1mg/ml EtOH, MeOH, water**Background Information:**

Erythromycin, 14 membered ring, was isolated from *streptomyces erythreus* and active against Gram-negative and Gram-positive bacteria. It binds to the 23S RNA of 50S ribosomal subunit and inhibit protein synthesis at the level of transpeptidation.

Handling and Storage:

Store at -20 .

References:

1. Br Med Bull. 1984 Jan;40(1):47-53.
2. Antimicrob Agents Chemother. 1999 Nov;43(11):2678-84.
3. J Clin Pharmacol. 1999 May;39(5):513-9.
4. Br J Clin Pharmacol. 2005 Aug;60(2):172-5.
5. Pak J Pharm Sci. 2005 Apr;18(2):35-9.