

Erythromycin

Catalog No: #S1032

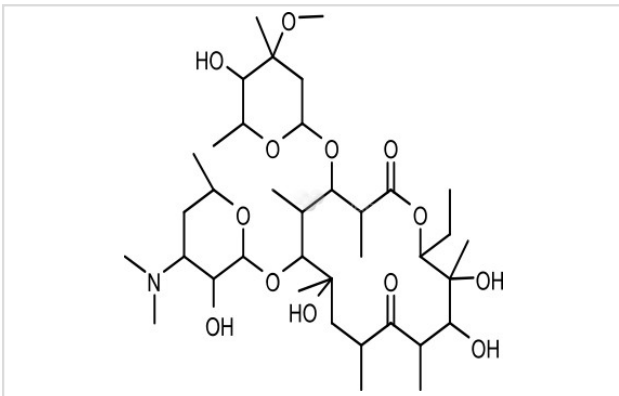
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Description

Product Name	Erythromycin
Brief Description	Inhibitors
Purification	99.26%
Target Name	Antibacterial inhibitor; ribosome inhibitor
Calculated MW	733.93
Formulation	C37H67NO13
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology
 SMILES: CC[C@@H]1[C@@]([C@@H]([C@H](C=O)[C@@H](C[C@@]([C@@H]([C@H]([C@@H]([C@H](C(=O)O1)C)O[C@H]2C[C@@]([C@H]([C@@H](O2)C)O)(C)OC)C)O[C@H]3[C@@H]([C@H](C[C@H](O3)C)N(C)C)O)(C)O)C)O)C)OP
 Pathways: Microbiology&virology
 Receptor: 23S rRNA; 50S ribosome
 Boiling pt: 818.4°C
 Melting pt: 133-135°C
 Solubility: Ethanol: 147 mg/mL (200.29 mM); Water: 3 mg/mL (4.08 mM); DMSO: 147 mg/mL (200.29 mM)
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several month.

References

1. Moazed D, Noller HF. *Biochimie*. 1987 Aug;69(8):879-84.

Note: This product is for in vitro research use only