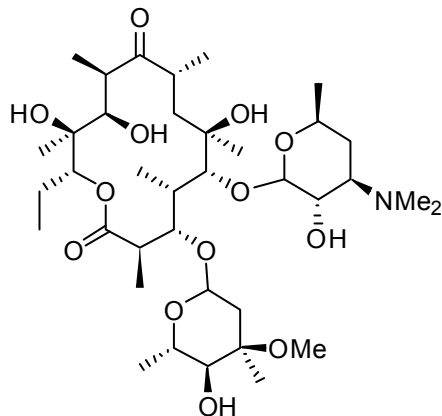


Erythromycin A

Code: **BIA-E1311**

Pack sizes: **5 mg, 25 mg**



Synonyms : **Ilotycin, Erythrocin, Erythromycin**

Specifications

CAS # : **114-07-8**
Molecular Formula : **C₃₇H₆₇NO₁₃**
Molecular Weight : **733.9**
Source : ***Saccharopolyspora erythraea***
Appearance : **White solid**
Purity : **>98%**
Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Good water solubility.**

Application Notes

Erythromycin A is a 14-membered macrocyclic lactone with broad spectrum antibiotic activity isolated from *Saccharopolyspora erythraea* (formerly *Streptomyces erythreus*) in 1952. Erythromycin is one of only a handful of microbial metabolites to have profoundly shaped the treatment of bacterial disease in the last 50 years. Erythromycin has given rise to new generations of semi-synthetic derivatives with improved stability and potency. Our product has been HPLC purified to remove contaminants and degradation products.

References

1. Ilotycin, a new antibiotic. McGuire J.M. *et al.* *Antibiot. Chemother.* **1952**, 2, 281.
2. *Macrolide antibiotics, chemistry, biology and practice.* Ed. Omura S. Academic Press **2002**.