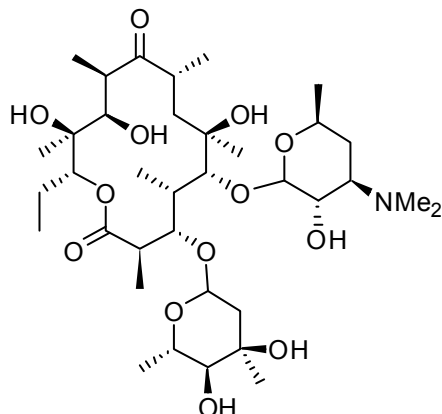


Erythromycin C

Code: **BIA-E1351**

Pack sizes: **1 mg, 5 mg**



Synonyms : **3''-O-Demethylerythromycin A**

Specifications

CAS # : **1675-02-1**
Molecular Formula : **C₃₆H₆₅NO₁₃**
Molecular Weight : **719.9**
Source : ***Saccharopolyspora erythraea***
Appearance : **White solid**
Purity : **>98%**
Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

Application Notes

Erythromycin C (3''-O-demethylerythromycin A) is a minor co-metabolite of erythromycin produced by fermentation of *Saccharopolyspora erythraea*. Erythromycin C exhibits a narrower spectrum of antibiotic activity and is much less active than erythromycins A and B.

References

1. HPLC as a rapid means of monitoring erythromycin and tetracycline fermentation processes. Tsuii K. & Goetz J.F. J. Antibiot. **1978**, 31, 302
2. Antibacterial activities of erythromycins A, B, C, and D and some of their derivatives. Kibwage O. *et al.* Antimicrob. Agents Chemother. **1985**, 28, 630.