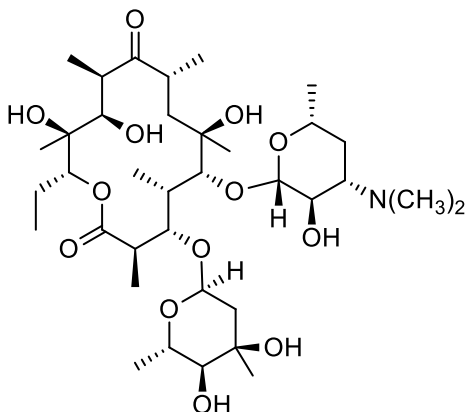


Erythromycin C

Code No.: **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	: <i>Saccharopolyspora erythraea</i>
Appearance	: White solid
Purity	: >95% by HPLC
Long Term 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 *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.