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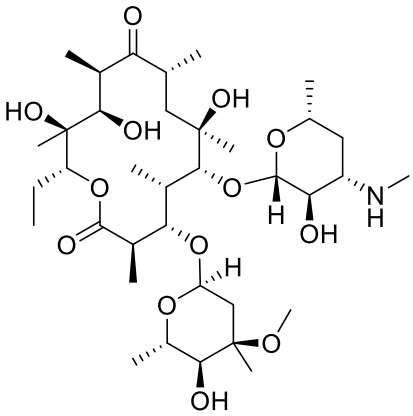
PRODUCT DATA SHEET

N-Demethylerythromycin A

Code No.: **BIA-D1352**

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



Synonyms : -

Specifications

CAS #	:	**992-62-1**
Molecular Formula	:	**$C_{36}H_{65}NO_{13}$**
Molecular Weight	:	**719.9**
Source	:	***Saccharopolyspora erythraea***
Appearance	:	**White solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, DMSO. Good water solubility.**

Application Notes

N-Demethylerythromycin A is a minor co-metabolite of erythromycin produced by Saccharopolyspora erythreae. N-Demethylerythromycin A exhibits a very narrow spectrum of antibiotic activity and is much less active than erythromycins A, B and C.

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.

For in vitro laboratory use only. Not for human or animal use.

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