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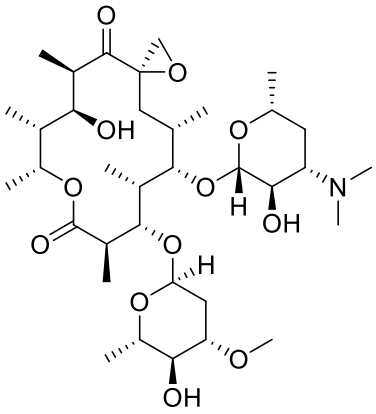
PRODUCT DATA SHEET

Oleandomycin

Code No.: **BIA-O1304**

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



Synonyms : Amimycin, Matromycin, PA 105

Specifications

CAS #	:	**3922-90-5**
Molecular Formula	:	**$C_{35}H_{61}NO_{12}$**
Molecular Weight	:	**687.9**
Source	:	***Streptomyces* sp.**
Appearance	:	**White solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, DMSO. Limited water solubility.**

Application Notes

Oleandomycin is a 16-membered macrocyclic lactone, discovered in the 1950s, with broad spectrum antibacterial activity. Oleandomycin was developed as a human pharmaceutical but was regarded as less active than comparable products such as erythromycin and is today only available in combination with other antibiotics.

References

1. Oleandomycin (PA-105). II. Chemical characterization. Els H. et al., JACS 1958, 80, 3777.
2. The structure of oleandomycin Hochstein F.A. et al., JACS 1960, 82, 3225.

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

Updated: 14 November 2025

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