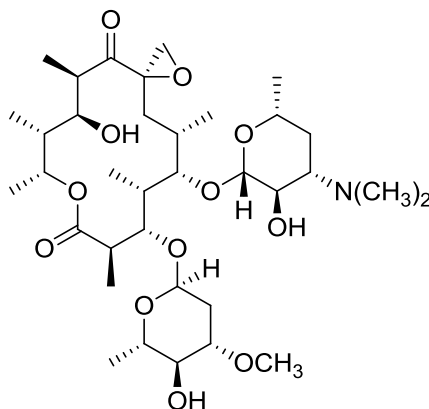


Oleandomycin

Code No.: **BIA-O1304**

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



Synonyms : Amimycin, Matromycin, PA 105

Specifications

CAS #	: 3922-90-5
Molecular Formula	: C₃₅H₆₁NO₁₂
Molecular Weight	: 687.9
Source	: <i>Streptomyces</i> sp.
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

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.

Updated: 2 December 2014