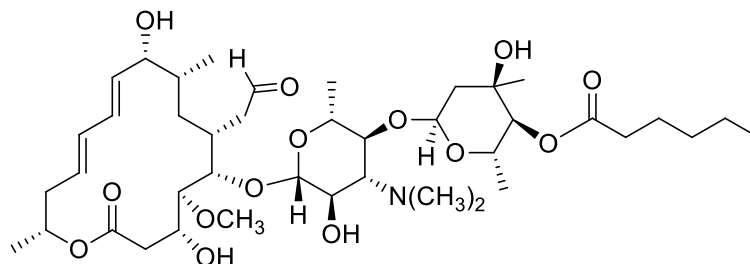


Leucomycin A13

Code No.: **BIA-L1365**

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



Synonyms : **Kitasamycin A13**

Specifications

CAS #	: 78897-52-6
Molecular Formula	: C₄₁H₆₉NO₁₄
Molecular Weight	: 800
Source	: <i>Streptomyces kitatoensis</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

Leucomycin A13 is the most non-polar member of the leucomycin complex, a family of closely related macrocyclic lactone antibiotics produced by *Streptomyces kitatoensis*. Leucomycin A13 is used for HPLC resolution of the leucomycin complex, however no detailed investigation of its pharmacology has been reported.

References

1. Liquid chromatography of josamycin on poly(styrene-divinylbenzene). Paesen J. et al., Anal. Chem. 1995, 352, 797.