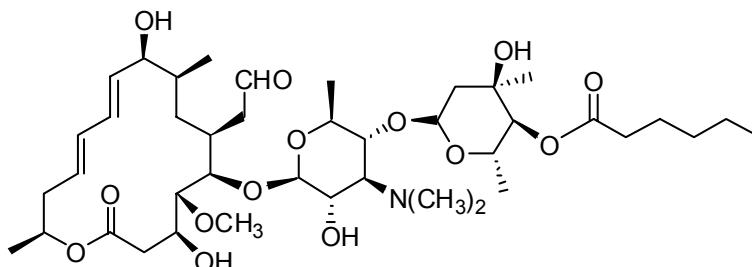


## Leucomycin A13

Code: **BIA-L1365**

Pack sizes: 1 mg, 5 mg



Synonyms : **Kitasamycin A13**

### Specifications

CAS # : **78897-52-6**  
Molecular Formula : **C<sub>41</sub>H<sub>69</sub>NO<sub>14</sub>**  
Molecular Weight : **800.0**  
Source : ***Streptomyces kitatoensis***  
Appearance : **White solid**  
Purity : **>99%**  
Storage : **-20°C**  
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

### Application Notes

Leucomycin A13 is the most non-polar of the members 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.