Leucomycin complex

Synonyms: Kitasamycin A1, Turimycin H5, Leucomycin V 4-isovalerate

Specifications

- **CAS #**: 1392-21-8
- **Molecular Formula**: -
- **Molecular Weight**: -
- **Source**: *Streptomyces kisatoensis*
- **Appearance**: White to off-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 complex (kitasamycin) is a family of closely related macrocyclic lactone antibiotics produced by *Streptomyces kisatoensis*, discovered in 1953. The complex contained over 14 components with analogues A1, A4, A5, and A13 being the most abundant analogues. Leucomycin complex is used as an animal health product for control of Gram positive bacteria, Gram negative cocci, leptospira and mycoplasma.

References