PRODUCT DATA SHEET

Kazusamycin A

Synonyms: Kazusamycin, Hydroxyleptomycin B, Hydroxyelactocin, CL 1957B, PD 114721

Specifications

- **CAS #**: 92090-94-3
- **Molecular Formula**: C_{33}H_{48}O_{7}
- **Molecular Weight**: 556.7
- **Source**: *Streptomyces* sp.
- **Appearance**: Colourless Film
- **Purity**: >95% by HPLC
- **Long Term Storage**: -20°C
- **Solubility**: Soluble in ethanol or methanol. Poor water solubility. Ethanol recommended. Unstable in DMSO.

Application Notes

Kazusamycin A is a minor member of the leptomycin complex isolated from some *Streptomyces* species. It is an hydroxylated analogue of leptomycin B, a nuclear export inhibitor. Kazusamycin A exhibits potent antitumor activity both in vitro and in vivo against P388 and L1210 cell lines, and also shows strong antibacterial and antifungal activity.

References


Code No.: BIA-K1042
Pack sizes: 0.1 mg, 0.5 mg