PRODUCT DATA SHEET

Code No.: BIA-A1419
Pack sizes: 1 mg, 5 mg

Albofungin

Synonyms: Kanchanomycin, BA 180265A, P 42-1

Specifications

- **CAS #**: 37895-35-5
- **Molecular Formula**: C_{27}H_{24}N_{2}O_{9}
- **Molecular Weight**: 520.5
- **Source**: *Streptomyces* sp.
- **Appearance**: Yellow to light tan solid
- **Purity**: >95% by HPLC
- **Long Term Storage**: -20°C
- **Solubility**: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Albofungin is a polyaromatic heterocycle containing a rare N-aminoamide, isolated from a *Streptomyces* species in Russia in 1959. Albofungin exhibits a broad biological profile with antibiotic, antifungal, anthelmintic and very potent antitumor activity. The mode of action of albofungin has not been investigated.

References