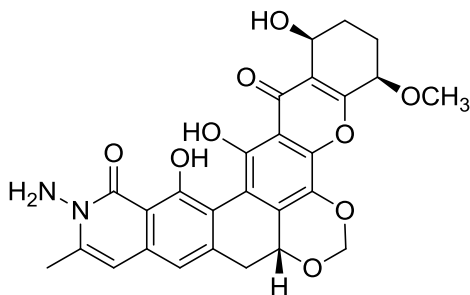


## Albofungin

Code No.: **BIA-A1419**

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



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

## Specifications

CAS #	: 37895-35-5
Molecular Formula	: C <sub>27</sub> H <sub>24</sub> N <sub>2</sub> O <sub>9</sub>
Molecular Weight	: 520.5
Source	: <i>Streptomyces</i> 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

1. Characteristics of the organism producing a new antifungal antibiotic, albofungin. Soloveva N.K. & Rudaia S.M. Antibiotiki. 1959, 4, 5.
2. New use as antihelmintics of albofungin and analogs. Kempter C. et al., WO 2001/095909, 2001.