TAN 420C

Synonyms: Dihydroherbimycin C

Specifications

- CAS #: 91700-91-3
- Molecular Formula: C29H42N2O9
- Molecular Weight: 562.7
- Source: Streptomyces sp.
- Appearance: Greenish tan lyophilisate
- Purity: >95% by HPLC
- Long Term Storage: -20°C
- Solubility: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

TAN 420C is a minor analogue of the herbimycin complex, isolated from Streptomyces hygroscopicus. TAN 420C is the hydroquinone of herbimycin C, and is known to exhibit antitumor activity. TAN 420C converts Rous sarcoma virus-infected rat kidney cells into normal cells.

References