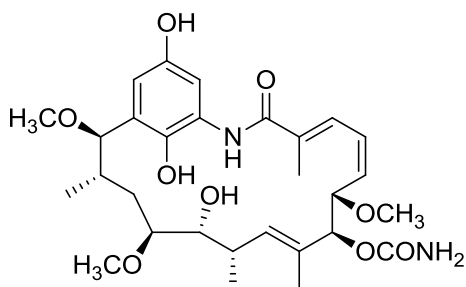


TAN 420C

Code No.: **BIA-T1039**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : Dihydroherbimycin C

Specifications

CAS #	: 91700-91-3
Molecular Formula	: C ₂₉ H ₄₂ N ₂ O ₉
Molecular Weight	: 562.7
Source	: <i>Streptomyces</i> 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

1. The structure and cytotoxic activity of herbimycin C. Shibata K. et al., J. Antibiot. 1986, 39, 1630.