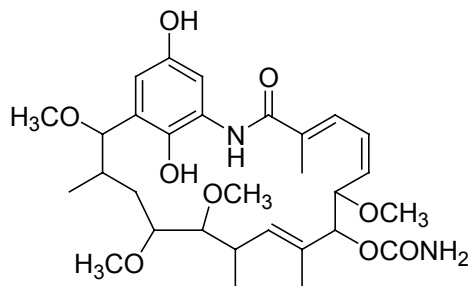


Antibiotic TAN 420E

Code: **BIA-H1037**

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



Synonyms : **Dihydro-herbimycin A, Antibiotic NK 86-0084**

Specifications

CAS # : **91700-93-5**
Molecular Formula : **C₃₀H₄₄N₂O₉**
Molecular Weight : **576.7**
Source : ***Streptomyces* sp. MST-AS5386**
Appearance : **Greenish tan lyophilisate**
Purity : **> 95% by HPLC**
Long Term Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO.**

Application Notes

Antibiotic TAN 420E is the hydroquinone analogue of herbimycin A. It has been patented as an antibacterial, antifungal and antiprotozoan active. The study of Antibiotic TAN 402E has been over-shadowed by the more readily accessible quinone. Little is known of the selectivity of the hydroquinone's biological profile compared to that of herbimycin A.

References

1. Antibiotic TAN 420E. *Tanida S. US Patent 1985 4,540,517.*