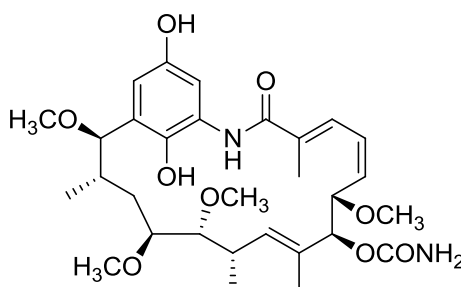


## TAN 420E

Code No.: **BIA-T1037**

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



Synonyms : Dihydroherbimycin A, NK 86-0084

## Specifications

CAS #	: <b>91700-93-5</b>
Molecular Formula	: <b>C<sub>30</sub>H<sub>44</sub>N<sub>2</sub>O<sub>9</sub></b>
Molecular Weight	: <b>576.7</b>
Source	: <b><i>Streptomyces</i> sp.</b>
Appearance	: <b>Greenish tan lyophilisate</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</b>

## Application Notes

TAN 420E is the hydroquinone analogue of herbimycin A. TAN 420E has been patented as an antibacterial, antifungal and antiprotozoan active. The study of TAN 420E 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.

Updated: 2 December 2014