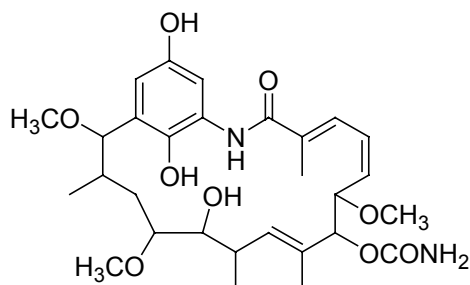


## Antibiotic TAN 420C

Code: **BIA-H1039**

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



Synonyms : **Dihydro-herbimycin C**

### Specifications

CAS # : **91700-91-3**  
Molecular Formula : **C<sub>29</sub>H<sub>42</sub>N<sub>2</sub>O<sub>9</sub>**  
Molecular Weight : **562.7**  
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 420C is a minor analogue of Herbimycin complex isolated from *Streptomyces hygroscopicus*. It is the hydroquinone of herbimycin C, which is known to exhibit antitumor activity and has been shown to convert 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.