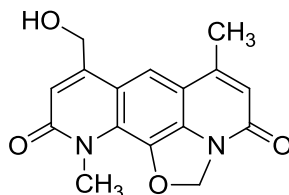


## Nybomycin

Code No.: **BIA-N1414**

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



Synonyms : NSC 613948

### Specifications

CAS #	: <b>30408-30-1</b>
Molecular Formula	: <b>C<sub>16</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub></b>
Molecular Weight	: <b>298.3</b>
Source	: <b><i>Streptomyces</i> sp.</b>
Appearance	: <b>tan to dark tan solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Poorly soluble in most organic solvents and water. Soluble with warming in glacial acetic acid and can then be diluted with other solvents for use.</b>

### Application Notes

Nybomycin is an unusual heterocyclic metabolite isolated from several *Streptomyces* species, first reported in 1961. Nybomycin possesses antiviral and antibacterial activity. The spectrum and mode of action of nybomycin has not been extensively studied.

### References

1. Nybomycin, a new antibiotic with antiphage and antibacterial properties. Strelitz F. et al., Proc. Natl. Acad. Sci. U.S.A. 1955, 41, 620.
2. Nybomycin. III. Revised structure. Rinehart K.L. et al., J. Am. Chem. Soc. 1970, 92, 6994.