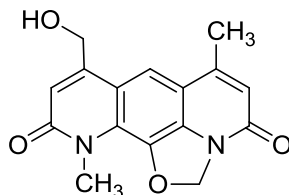


## Nybomycin

Code No.: **BIA-N1414**

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



Synonyms : NSC 613948

### Specifications

CAS #	: 30408-30-1
Molecular Formula	: C <sub>16</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight	: 298.3
Source	: <i>Streptomyces</i> sp.
Appearance	: tan to dark tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in DMF or DMSO. Moderately soluble in methanol or ethanol. Poor water solubility.

### 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.

Updated: 2 December 2014