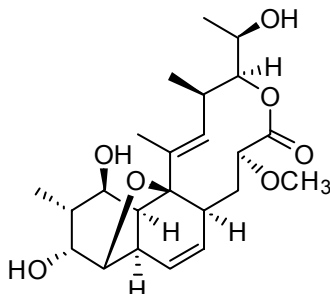


Nodusmicin

Code: **BIA-N1326**

Pack sizes: **1 mg, 5 mg**



Synonyms : **U 59761, Antibiotic U 59761**

Specifications

CAS # : **76265-48-0**
Molecular Formula : **C₂₃H₃₄O₇**
Molecular Weight : **422.7**
Source : ***Nocardia* sp.**
Appearance : **White solid**
Purity : **>99%**
Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

Application Notes

Nodusmicin is a co-metabolite of nargenicin bearing the core macrocyclic lactone but lacking the pyrrole ester. Like nargenicin, nodusmicin is a potent antibiotic against both aerobic and anaerobic bacteria. Lack of availability has restricted a more extensive investigation of nodusmicin.

References

1. Biosynthesis of nargenicin and nodusmicin. Snyder W.C. *et al.* J. Am. Chem. Soc. **1984**, 106, 784.