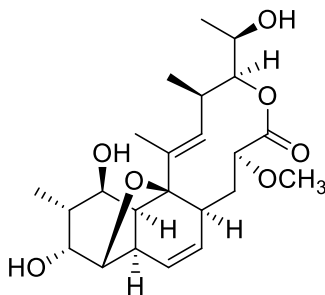


Nodusmicin

Code No.: **BIA-N1326**

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



Synonyms : U 59761

Specifications

CAS #	: 76265-48-0
Molecular Formula	: C ₂₃ H ₃₄ O ₇
Molecular Weight	: 422.5
Source	: <i>Nocardia</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term 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 active 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.