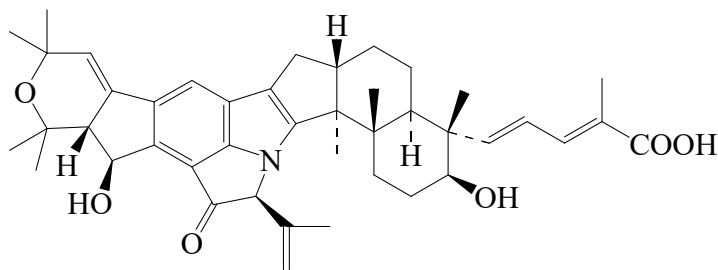




>>Entry Name: Nodulisporic acid

Synonym(s): Antibiotic L 954967. L 954967



CAS Registry Number: 163120-03-4

Molecular Formula:  $C_{43}H_{53}NO_6$

Molecular Weight: 679.895

Accurate Mass: 679.387289

Percentage Composition: C 75.96%; H 7.86%; N 2.06%; O 14.12%

Biological Source: Prod. by a *Nodulisporium* sp.

Use/Importance: Insecticidal agent

Melting Point: Mp 250-255°

Optical Rotation:  $[\alpha]_D^{22} +13$  (c, 0.4 in  $CHCl_3$ )

UV: [neutral]  $\lambda_{max}$  241 ( $\epsilon$  43900); 265 ( $\epsilon$  49800); 385 ( $\epsilon$  7360) (MeOH)

#### References:

Ondeyka, J.G. *et al.*, *J.A.C.S.*, 1997, **119**, 8809-8816, (*isol, uv, ir, pmr, cmr, cryst struct*)