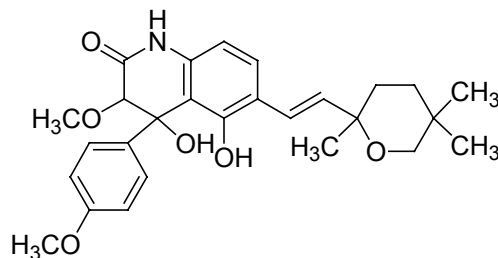


Penigequinolone A

Code: **BIA-P1066**

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



Synonyms :

Specifications

CAS #	: 180045-91-4
Molecular Formula	: C₂₇H₃₃NO₆
Molecular Weight	: 467.6
Source	: <i>Penicillium</i> sp. MST-FP1676
Appearance	: White Powder
Purity	: > 99% by HPLC, mixture of epimers
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO

Application Notes

Penigequinolone A is a rare fungal metabolite produced by selected *Penicillium* species. Penigequinolone A is isolated as an inseparable mixture with its 19-epimer, Penigequinolone B. Limited literature cites penigequinolone A as a pollen growth inhibitor. In-house testing showed weak antitumor, antiprotozoan and nematocidal activities.

References

1. Nematicidal alkaloids and related compounds produced by the fungus *Penicillium* cf. *simplicissimum*. Kusano M. et al. *Biosci. Biotechnol. Biochem.* **2000**, 64, 2559.