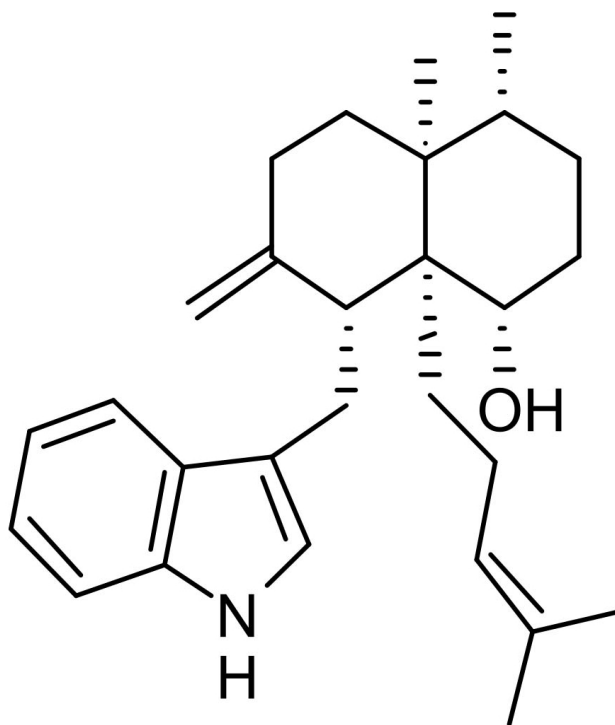


Anominine



Synonyms:

-

Specifications

CAS #	: 120991-21-1
Molecular Formula	: C ₂₈ H ₃₉ NO
Molecular Weight	: 405.6
Source	: -
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Anominine is an indole diterpenoid reported in 2008. Anominine provided by BioAustralis is isolated from a biosynthetically talented, new species of *Aspergillus* found in southern Queensland, Australia. In-house bioassays show that anominine has antibacterial activity with an MIC of 0.4 µg/mL against *B. subtilis* and modest activity against murine myeloma tumor cell line and non-tumour cell line neonatal foreskin fibroblasts.

References

1. Polycyclic framework synthesis of anominine and tubingensin A indole diterpenoids. Bradshaw B. et al. *Org. Biomolec. Chem.* 2008, 6, 772.
2. Comprehensive chemotaxonomic and genomic profiling of a biosynthetically talented Australian fungus, *Aspergillus burnettii* sp. nov. Gilchrist C. et al. *Fung. Gen. Biol.* 2020, 143, 103435.