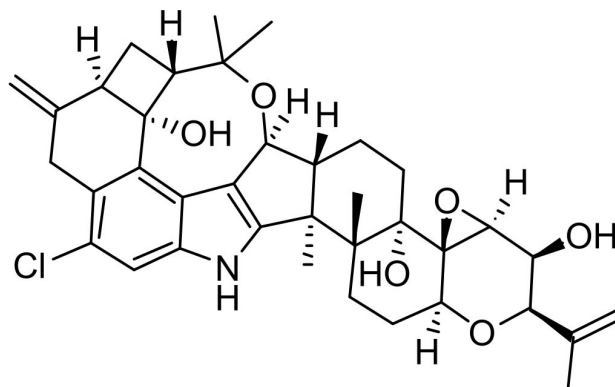


Penitrem A

Code No.: BIA-P1272

Pack sizes.: 1mg, 5mg



Synonyms:
Tremortin A

Specifications

CAS #	: 12627-35-9
Molecular Formula	: C37H44ClNO6
Molecular Weight	: 634.2
Source	: -
Appearance	: White solid
Purity	: >99% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Penitrem A is a tremorgenic mycotoxin isolated from *Penicillium* species. Penitrem A is a selective blocker of high-conductance Ca²⁺-activated potassium channels.

References

1. Tremorgenic toxin from *Penicillium cyclopium* grown on food materials. Wilson B. J. 1968, 220, 77.
2. Tremorgenic indole alkaloids potentially inhibit smooth muscle high-conductance calcium-activated potassium channels Knaus H. G. et al., *Biochemistry* 1994, 33, 5819.