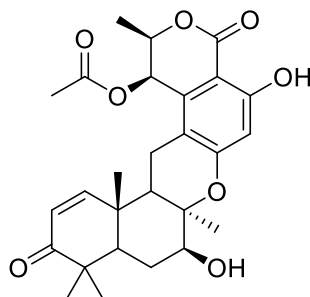


Chrodrimanin B

Code No.: **BIA-C1968**

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



Synonyms :

Specifications

CAS #	: 132196-54-4
Molecular Formula	: C ₂₇ H ₃₂ O ₈
Molecular Weight	: 484.54
Source	: <i>Penicillium sp.</i>
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Chrodrimanin B is a meroterpenoid isolated from *Penicillium sp.* with insecticidal properties. Chrodrimanin B attenuates the effect of GABA. Chrodrimanin B blocks the GABA-induced current in insect models, when delivered at 1 μM for 1 min prior to co-application with transmitter GABA.

References

1. Novel chrodrimanin compounds and their manufacture with *Penicillium*. Matuso N. et al. Jpn. Kokai Tokkyo Koho (1990), JP 02221277 A 19900904.
2. Elucidation and heterologous reconstitution of chrodrimanin B biosynthesis. Bai T. et al. Org Lett 2018, 20, 7504.
3. Meroterpenoid Chrodrimanins Are Selective and Potent Blockers of Insect GABA-Gated Chloride Channels. Xu Y. et al. PloS One 2015, 10, e0122629.