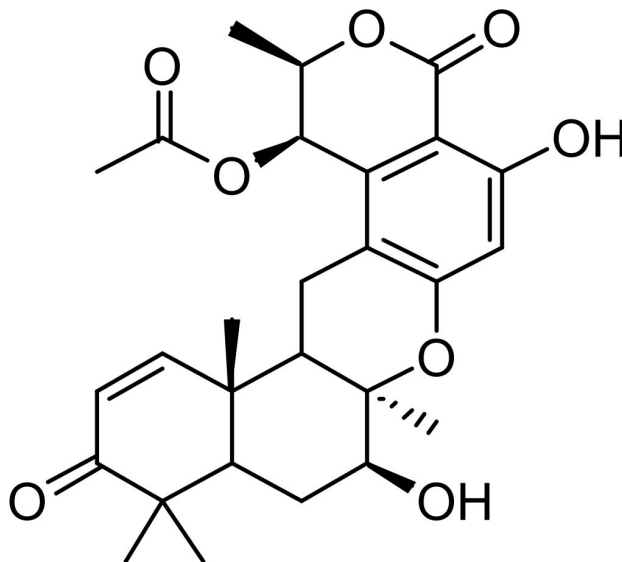


## Chrodrimanin B

Code No.: BIA-C1968

Pack sizes.: 0.5mg, 2.5mg



Synonyms:

-

## Specifications

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

## 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  $\mu$ M 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.