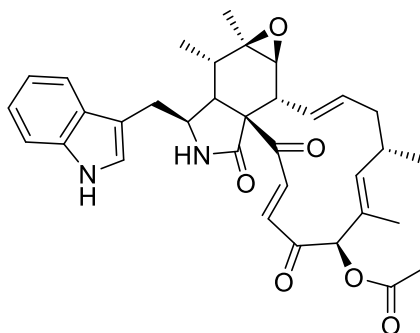


19-O-Acetylchaetoglobosin A

Code No.: **BIA-A2542**

Pack sizes: **1 mg, 5 mg**



Synonyms : Chaetoglobosin A acetate, Chaetoglobosin A monoacetate

Specifications

CAS #	: 50939-69-0
Molecular Formula	: C ₃₄ H ₃₈ N ₂ O ₆
Molecular Weight	: 570.68
Source	: <i>Acremonium</i> sp.
Appearance	: Yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

19-O-Acetylchaetoglobosin is a phytotoxin isolated from *Acremonium* and other fungal species. 19-O-Acetylchaetoglobosin A is also produced by the fungi *Ijuhya vitellina* sp. nov. which parasitises a cereal cyst nematode.

References

1. Von Wallbrunn C. et al. Phytotoxic chaetoglobosins are produced by the plant pathogen *Calonectria morganii* (anamorph *Cylindrocladium scoparium*). J. Gen. Appl. Microbiol. 2001, 47, 33.
2. Ashrafi S. et al. *Ijuhya vitellina* sp. Nov., a novel source for chaetoglobosin A, is a destructive parasite of the cereal cyst nematode *Heterodera filipjevi*. PLoS One 2017, 12(7), e0180032.