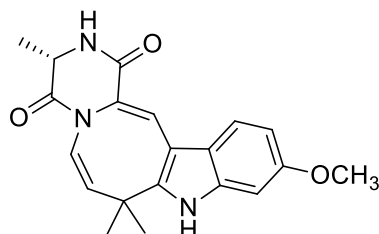


Cycloechinulin

Code No.: **BIA-C1197**

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



Synonyms :

Specifications

CAS #	: 143086-29-7
Molecular Formula	: C ₂₀ H ₂₁ N ₃ O ₃
Molecular Weight	: 351.4
Source	: <i>Aspergillus ochraceus</i>
Appearance	: Light tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Cycloechinulin is an unusual diketopiperazine isolated from *Aspergillus ochraceus*. Cycloechinulin has not been extensively studied but exhibits insecticidal activity against the lepidopteran crop pest, *Helicoverpa zea*. Recently, cycloechinulin has found use as a secondary metabolite standard for polyphasic taxonomy in *Aspergillus*.

References

1. New diketopiperazine metabolites from the sclerotia of *Aspergillus Ochraceus*. De Guzman F.G.S. et al., J. Nat. Prod. 1992, 55, 931.
2. Cycloechinulin antiinsectan metabolite. De Guzman F.S. et al., US Patent 5196420.
3. Polyphasic taxonomy of *Aspergillus fumigatus* and related species. Hong S-B. et al., Mycologia 2005, 97, 1316.