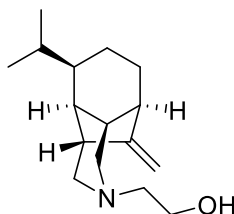


## Victoxinine

Code No.: **BIA-V2840**

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



Synonyms : (+)-Victoxinine

### Specifications

CAS #	: 39965-06-5
Molecular Formula	: C <sub>17</sub> H <sub>29</sub> NO
Molecular Weight	: 263.4
Source	: <i>Biopolaris</i> sp.
Appearance	: Brown solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

### Application Notes

Victoxinine is a sesquiterpenoid isolated from *Bipolaris* and *Helminthosporium* sp. Victoxinine is structurally related to helminthosporol and prehelminthosporol. Victoxinine is phytotoxic, causing root rot in cereals. Victoxinine inhibits tissue respiration, mitochondrial succinic oxidase, and ketoglutarate oxidation, as well as succinic dehydrogenase.

### References

1. Structure of victoxinine. Dorn F. & Arigoni D. J Chem Soc Chem Commun. 1977, 55.
2. Victoxinine and prehelminthosporolactone, two minor phytotoxic metabolites produced by *Bipolaris* sp., a pathogen of Johnson grass. Pena-Rodriguez L.M. et al. J Nat Prod. 1989, 52, 899.
3. Toxicity of victoxinine. Scheffer R.P. & Pringle R.B. Phytopathology 1963, 53, 558.