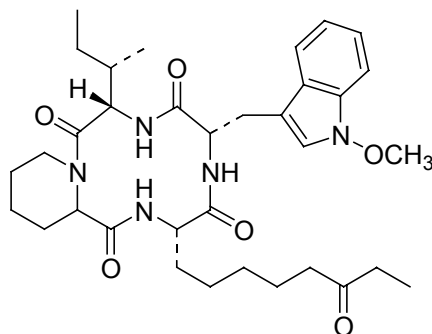


Apicidin

Code: **BIA-A1006**

Pack sizes: **2.0 mg, 10 mg**



Synonyms :

Specifications

CAS #	: 183506-66-3
Molecular Formula	: C ₃₄ H ₄₉ N ₅ O ₆
Molecular Weight	: 623.8
Source	: <i>Fusarium</i> sp. MST-FP2024
Appearance	: White Solid
Purity	: > 95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Apicidin is a cyclic peptide antibiotic with broad spectrum antiparasitic and antiprotozoan activity. A histone deacetylase inhibitor, apicidin is anti-angiogenic and induces apoptosis.

References

1. Apicidin is a histone deacetylase inhibitor with anti-invasive and anti-angiogenic potentials. Kim S.H. et al. *Biochem. Biophys. Res. Commun.* **2004**, 315, 964.
2. Apicidin, a histone deacetylase inhibitor, inhibits proliferation of tumor cells via induction of p21WAF1/Cip1 and gelsolin. Han J.W. et al. *Cancer Res.* **2000**, 60, 6068.