

<b>Product Name:</b>	Apicidin
<b>Product Number:</b>	A104
<b>CAS Number:</b>	183506-66-3
<b>Molecular Formula:</b>	C <sub>34</sub> H <sub>49</sub> N <sub>5</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	623.8
<b>Appearance:</b>	White Solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Apicidin is a cyclic peptide antibiotic with broad spectrum antiparasitic and antiprotozoan activity. Apicidin, a histone deacetylase inhibitor, is anti-angiogenic and induces apoptosis.</p> <p>Apicidin is soluble in ethanol, methanol, DMF and DMSO and has limited water solubility.</p>
<b>References:</b>	<p>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.</p> <p>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.</p>