

Product Name:	O-methylviridicatin
Product Number:	M054
CAS Number:	6152-51-4
Molecular Formula:	C ₁₆ H ₁₃ NO ₂
Molecular Weight:	251.3
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>O-Methylviridicatin is a metabolite produced by several species of <i>Penicillium</i>. Recently, 3-O-methylviridicatin was shown to be a strong inhibitor of TNFα-induced replication of HIV. Lack of availability has hitherto restricted a more intensive investigation of this interesting metabolite.</p> <p>O-Methylviridicatin is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.</p>
References:	<p>Studies in the biochemistry of microorganisms. 93. Cyclophenin, a nitrogen-containing metabolic product of <i>Penicillium cyclopium</i> Westling. Bracken A. et al. <i>Biochem J.</i> 1954, 57, 587.</p> <p>Isolation of viridicatin from <i>Penicillium palitans</i>. J. Arch. Microbiol. 1970, 73, 261.</p> <p>Isolation and characterization of the fungal metabolite 3-O-methylviridicatin as an inhibitor of tumor necrosis factor alpha-induced human immunodeficiency virus replication. Heguy A. et al. <i>Antivir. Chem. Chemother.</i> 1998, 9, 149.</p>