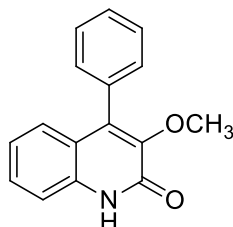


O-Methylviridicatin

Code No.: **BIA-M1149**

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



Synonyms : AIDS-089094, 3-Methoxy-4-phenyl-1H-quinolin-2-one

Specifications

CAS #	: 6152-57-4
Molecular Formula	: C ₁₆ H ₁₃ NO ₂
Molecular Weight	: 251.3
Source	: <i>Penicillium</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

3-O-Methylviridicatin is a metabolite produced by several species of *Penicillium*. Recently, 3-O-methylviridicatin was shown to be a strong inhibitor of TNF α -induced replication of HIV. Lack of availability has hitherto restricted a more intensive investigation of this interesting metabolite.

References

1. Studies in the biochemistry of microorganisms. 93. Cyclophenin, a nitrogen-containing metabolic product of *Penicillium cyclopium* Westling. Bracken A. et al., *Biochem J.* 1954, 57, 587.
2. Isolation of viridicatin from *Penicillium palitans*. J. Arch. Microbiol. 1970, 73, 261.
3. 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., *Antivir. Chem. Chemother.* 1998, 9, 149.