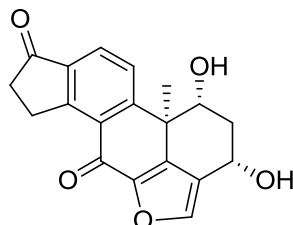


Demethoxyviridiol

Code No.: **BIA-D1025**

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



Synonyms :

Specifications

CAS #	: 56617-66-4
Molecular Formula	: C ₁₉ H ₁₆ O ₅
Molecular Weight	: 324.3
Source	: <i>Nodulisporium</i> sp.
Appearance	: Tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. NOTE: stability problems if stored in methanol for protracted periods.

Application Notes

Demethoxyviridiol is a fungal metabolite belonging to the wortmannin and viridin classes. An inhibitor of phosphatidylinositol 3-kinase, demethoxyviridiol affects phospholipid signalling and proliferation of Swiss 3T3 cells.

References

1. Inhibition of phospholipid signalling and proliferation of Swiss 3T3 cells by the wortmannin analogue demethoxyviridin. Cross M.J. et al., *Biochim Biophys Acta*. 1997, 1362, 29.
2. Effects of phosphatidylinositol-3-kinase inhibitors on degranulation and gene induction in allergically triggered mouse mast cells. Pendl G.G. et al., *Int Arch Allergy Immunol*. 1997, 112, 392.
3. Selective inhibition of p70 S6 kinase activation by phosphatidylinositol 3-kinase inhibitors. Petritsch C. et al., *Eur J Biochem*. 1995, 230, 431.