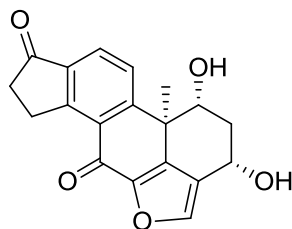


## Demethoxyviridiol

Code No.: **BIA-D1025**

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



Synonyms :

### Specifications

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

### 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.

Updated: 2 December 2014