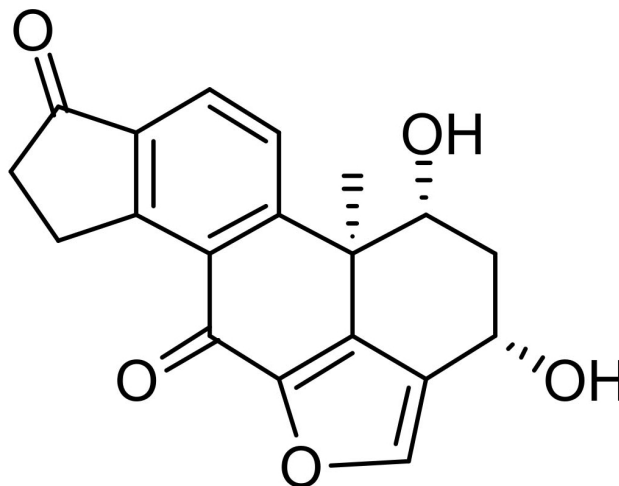


## Demethoxyviridiol

Code No.: BIA-D1025

Pack sizes.: 1mg, 5mg



Synonyms:

-

## Specifications

CAS #	: <b>56617-66-4</b>
Molecular Formula	: <b>C19H16O5</b>
Molecular Weight	: <b>324.3</b>
Source	: -
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.