

Product Name:	Demethoxyviridiol
Product Number:	D042
CAS Number:	56617-66-4
Molecular Formula:	$C_{19}H_{16}O_5$
Molecular Weight:	324.3
Appearance:	Tan solid
Storage Conditions:	-20°C
Description:	<p>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.</p> <p>Demethoxyviridiol is soluble in ethanol, methanol, DMF and DMSO. NOTE: stability problems if stored in methanol for protracted periods.</p>
References:	<p>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.</p> <p>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.</p> <p>Selective inhibition of p70 S6 kinase activation by phosphatidylinositol 3-kinase inhibitors. Petritsch C. et al. Eur J Biochem. 1995, 230, 431.</p>