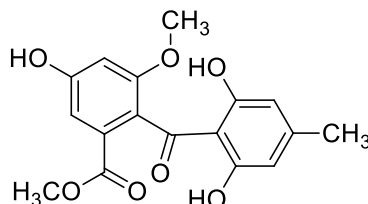


Sulochrin

Code No.: **BIA-S1089**

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



Synonyms :

Specifications

CAS #	: 519-57-3
Molecular Formula	: C₁₇H₁₆O₇
Molecular Weight	: 332.3
Source	: <i>Aspergillus terreus</i>
Appearance	: Pale yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Sulochrin is a fungal metabolite isolated from a number of *Aspergillus* and *Penicillium* sp. An anti-angiogenic agent, sulochrin inhibits VEGF leading to inhibition of capillary-like tube formation of human umbilical vein endothelial cells. Sulochrin also inhibits eosinophil activation and chemotaxis.

References

1. Fungal metabolites, asterric acid derivatives inhibit vascular endothelial growth factor (VEGF)-induced tube formation of HUVECs. Lee H.J. et al., *J. Antibiot.* 2002, 55, 552.
2. Effects of ortho-substituent groups of sulochrin on inhibitory activity to eosinophil degranulation. Ohashi H. et al., *Bioorg. Med. Chem. Lett.* 1999, 9, 1945.
3. Sulochrin inhibits eosinophil activation and chemotaxis. Ohashi H. et al., *Inflamm. Res.* 1998, 47, 409.