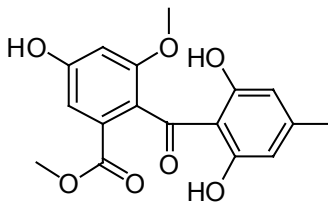


Sulochrin

Code: **BIA-S1089**

Pack sizes: **1.0 mg, 5.0 mg**



Synonyms :

Specifications

CAS #	: 519-57-3
Molecular Formula	: C₁₇H₁₆O₇
Molecular Weight	: 332.3
Source	: <i>Aspergillus terreus</i> MST-FP1370
Appearance	: Pale yellow solid
Purity	: > 99% by HPLC
Long Term Storage	: -20°C, protect from light
Solubility	: Soluble in ethanol, methanol, DMF or DMSO

Application Notes

Sulochrin is a fungal metabolite isolated from a number of *Aspergillus* and *Penicillium* sp.. An anti-angiogenic agent, it inhibits vascular endothelial growth factor (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.