

Product Name: Asterric Acid

Product Number: A132

CAS Number: 577-64-0

Molecular Formula: $C_{17}H_{16}O_8$

Molecular Weight: 348.3

Appearance: White solid

Storage Conditions: -20°C

Description: Asterric acid is a fungal metabolite with anti-angiogenic properties, isolated from a number of *Aspergillus* and *Penicillium* species. It is an inhibitor of vascular endothelial growth factor (VEGF), inhibiting VEGF-induced tube formation of human umbilical vein endothelial cells.

Asterric acid is soluble in ethanol, methanol, DMF and DMSO and has limited water solubility.

References: 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.

Asterric acid, a new endothelin binding inhibitor. Ohashi H. et al. , J. Antibiot. 1992, 45, 1684.

Studies in the biochemistry of micro-organisms. 115. Metabolites of *Penicillium frequentans* Westling: isolation of sulochrin, asterric acid, (+)-bisdechlorogedin and two new substituted anthraquinones, questin and questinol. Mahmoodian A. et al. , Biochem. J. 1964, 92, 369.