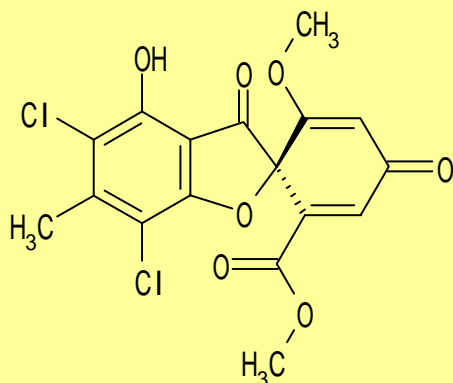


Geodin

Cat.# BLK0440

Structure

**Origin:** *Penicillium* sp FKI-5002**CAS Registry Number:** 427-63-4**CA Index Name:** (R)-5,7-Dichloro-4-hydroxy-6'-methoxy-6-methyl-3,4'-dioxospiro[benzofuran-2(3H),1'-[2,5]cyclohexadiene]-2'-carboxylic Acid Methyl Ester**Appearance:** pale yellow needles**Molecular Formula/ Weight:** C₁₇H₁₂Cl₂O₇=399.18**Melting Point:** 228-231 **Purity:** 95>% by HPLC**Solubility:** Sol. MeOH, Chloroform, Acetone, EtOAc, DMSO
Inso. water, Hexane**Background Information:**

Geodin, which is a metabolic product containing two chlorine, was isolated from *Aspergillus terreus*¹. Geodin is a seco-anthraquinone derived from an octaketide anthraquinone. Geodin acts as an inhibitor of plasminogen activator inhibitor (PAI-1)²

Handling and Storage:

Store at -20 .

References:

1. H. Raistrick, G. Smith., *Biochem. J.*, **30**, 1315-1322 (1936).
2. C. Shinohara, et. al., *J. Antibiot. (Tokyo)*. **53**, 262-268 (2000).