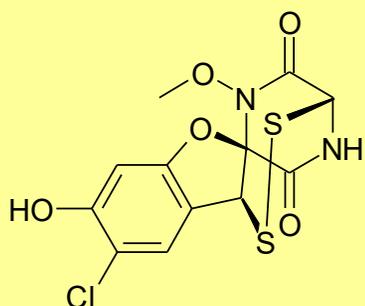


Aspirochlorine

Cat.# BLK-1600

Structure

**Origin:** Talaromyces sp.**CAS Registry Number:** 59978-04-0**Appearance:** White solid**Molecular Formula/ Weight:**
C₁₂H₉ClN₂O₅S₂=360.80**Purity:**>95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO

Background Information:

Aspirochlorine, epidthiodiketopiperazine with spiroaminal ring, is isolated from *Aspergillus*. It is selective inhibitor of fungal protein synthesis. And it is showed the docking score against COVID-19 main protease enzyme.

Handling and Storage:

Store at -20°C.

References:

1. ChemRxiv.12179202.
2. Chem Sci. 2021 Feb 8;12(11):4132-4138.
3. J Am Chem Soc. 2021 Jan 13;143(1):206-213.
4. J Antibiot (Tokyo). 1999 Mar;52(3):311-8.
5. Agric. Biol. Chem. 1983; 41(II), 2673-2674.
6. Tetrahedron Letters. 1982; 23(20), 2095-2098
7. J Antibiot (Tokyo). 1976 Apr;29(4):394-7.

Manufactured with Cortesy strain from The Kitasato Institute.