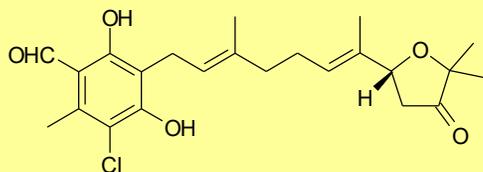


Ascofuranone

Cat.# BLK-1430

Structure

**Origin:** Cosmospora sp.**CAS Registry Number:** 38462-04-3**Appearance:** off white solid**Molecular Formula/ Weight:**
C₂₃H₂₉ClO₅=420.94**Purity:**>95.0% by HPLC**Solubility:** Sol. in 1mg/ml ethanol, methanol, DMSO**Background Information:**

Ascofuranone, isoprenoid antibiotic, was isolated from *Acremonium egyptiacum*. This compound has been reported to have anti-tumor activity, and modulate the immune system. Further it inhibits the *Trypanosoma brucei* alternative oxidase.

Handling and Storage:

Store at -20°C.

References:

1. Tetrahedron Letters 13 (25): 2541-2544.
2. J Antibiot (Tokyo). 1973 Nov;26(11):676-80.
3. Cancer Res. 1986 Mar;46(3):1073-8.
4. Mol Biochem Parasitol. 1997 Feb;84(2):271-80
5. J Antibiot (Tokyo). 1988 Jul;41(7):959-65.
6. J Antibiot (Tokyo). 2017 Mar;70(3):304-307.

Manufactured with Cortesy strain from The Kitasato Institute.