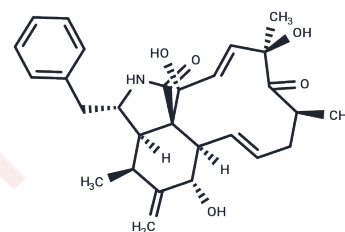


## Zygosporin D

## Chemical Properties

CAS No. :	25374-67-8
Formula:	C <sub>28</sub> H <sub>35</sub> N <sub>1</sub> O <sub>5</sub>
Molecular Weight:	465.59
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Zygosporin D is one of the cytochalasins was isolated from the culture filtrate of the fungus <i>Metarrhizium anisopliae</i> .
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1478 mL	10.7391 mL	21.4781 mL
5 mM	0.4296 mL	2.1478 mL	4.2956 mL
10 mM	0.2148 mL	1.0739 mL	2.1478 mL
50 mM	0.043 mL	0.2148 mL	0.4296 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- Li XG, Pan WD, Zhang XJ, Xiao JH. [Antitumor Chemical Entities of *Cordyceps taii* Mycelia Powder from Guizhou]. *Zhong Yao Cai*. 2015 Oct;38(10):2083-6. Chinese. PubMed PMID: 27254919.
- Fujii Y, Tani H, Ichinoe M, Nakajima H. Zygosporin D and two new cytochalasins produced by the fungus *Metarrhizium anisopliae*. *J Nat Prod*. 2000 Jan;63(1):132-5. PubMed PMID: 10650095.
- Betina V, Janstová D, Spisiaková J. Effects of antibiotics on the life cycle of *Neurospora crassa*. *Folia Microbiol (Praha)*. 1975;20(4):340-5. PubMed PMID: 51812.
- Aldridge DC, Turner WB. The identity of zygosporin A and cytochalasin D. *J Antibiot (Tokyo)*. 1969 Apr;22(4):170. PubMed PMID: 5800426.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481