



## Product Information

**Product ID** C2801

**CAS No.** 50335-03-0

**Chemical Name** (1E,4S,5E,7R,9E,11aR,14S,14aR,15S,15aR,16aS,16bR)-7-Hydroxy-14-(1H-indol-3-ylmethyl)-4,6,15,15a-tetramethyl-4,7,14,14a,15,15a,16a,16b-octahydro-3H-cyclotrideca[d]oxireno[f]

**Synonym**

**Formula** C<sub>32</sub>H<sub>36</sub>N<sub>2</sub>O<sub>5</sub>

**Formula Wt.** 528.64

**Melting Point** 168-170°C

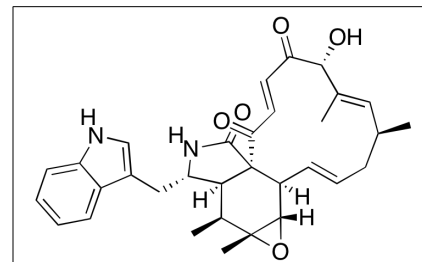
**Purity** ≥99%

**Solubility** Soluble in DMSO, ethanol, methanol.

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** Chaetoglobosin A is a cytochalasan type alkaloid with potent antifungal activity against *Rhizopus stolonifer* and *Coniothyrium diploidiella*. It is a secondary metabolite produced by the endophytic fungus *Chaetomium globosum* No. 04. Cytochalasans are known to exhibit strong cytotoxicity on various human cancer cell lines.



## Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
C2801	1 mg	\$157.80
C2801	5 mg	\$631.20
C2801	10 mg	\$1135.90

**References** Zhang G, Zhang Y, Qin J, et al. Antifungal metabolites produced by Chaetomium globosum No. 04, an endophytic fungus isolated from Ginkgo biloba. Indian J Microbiol. 2013 Jun; 53(2): 175-180. PMID: 24426105.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.