



## Product Information

Product ID C9880

CAS No. 22144-76-9

Chemical Name

Synonym

Formula  $C_{30}H_{37}NO_6$

Formula Wt. 507.62

Melting Point 260°C (dec)

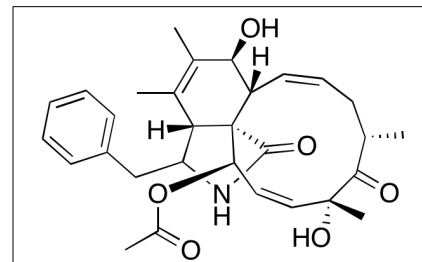
Purity ≥98%, TLC

Solubility Dichloromethane, Ethyl  
acetate

Store Temp 4°C

Ship Temp Ambient

**Description** Cytochalasin C is a mycotoxin actin polymerization inhibitor initially produced by species of *Aspergillus*. Cytochalasin C inhibits motility of spermatozoa in vitro. This compound also increases transcription of TGF-β, collagenase, fibronectin, and procollagens 1 and 2 in vitro.



**Bulk quantities available upon request**

Product ID	Size
C9880	1 mg
C9880	5 mg

**References** Varedi M, Ghahary A, Scott PG, et al. Cytoskeleton regulates expression of genes for transforming growth factor-beta 1 and extracellular matrix proteins in dermal fibroblasts. *J Cell Physiol.* 1997 Aug;172(2):192-9. PMID: 9258340.

Glinsukon T, Sinlapanaporn S, Chulasamaya M. Inhibitory effect of cytochalasins on the motility of rat epididymal spermatozoa in vitro. *Res Commun Chem Pathol Pharmacol.* 1986 Feb;51(2):265-8. PMID: 3961270.

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