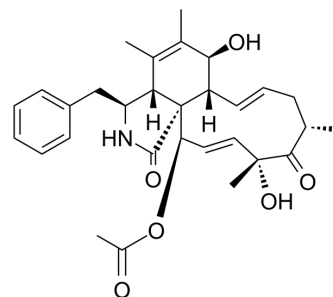


## Cytochalasin C

Cat. No.:	HY-N6774		
CAS No.:	22144-76-9		
Molecular Formula:	C <sub>30</sub> H <sub>37</sub> NO <sub>6</sub>		
Molecular Weight:	507.62		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

Cytochalasin C is a cell-permeable fungal toxin and induces the formation of nuclear rodlets. Cytochalasin C is 10 times less toxic in mice than is cytochalasin D<sup>[1][2][3]</sup>.

### REFERENCES

- [1]. Foissner I, et al. Wide-ranging effects of eight cytochalasins and latrunculin A and B on intracellular motility and actin filament reorganization in characean internodal cells. *Plant Cell Physiol.* 2007 Apr;48(4):585-97.
- [2]. Yahara I, et al. Correlation between effects of 24 different cytochalasins on cellular structures and cellular events and those on actin in vitro. *J Cell Biol.* 1982 Jan;92(1):69-78.
- [3]. Trendowski M, et al. Tolerated doses in zebrafish of cytochalasins and jasplakinolide for comparison with tolerated doses in mice in the evaluation of pre-clinical activity of microfilament-directed agents in tumor model systems in vivo. *In Vivo.* 2014 Nov-D

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA