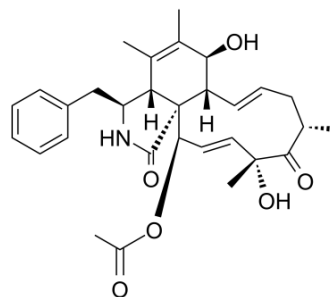


Cytochalasin C

Cat. No.:	HY-N6774
CAS No.:	22144-76-9
Molecular Formula:	C ₃₀ H ₃₇ NO ₆
Molecular Weight:	507.62
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.



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^{[1][2][3]}.

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-Dec;28(6):1021-31.

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