Cytochalasin B

Ultra-pure; inhibits actin polymerization

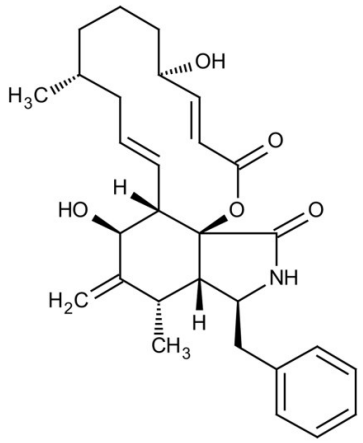
Cytochalasin B is a cell-permeable fungal toxin which binds to the barbed end of actin filaments inhibiting both the association and dissociation of subunits. It causes the disruption of actin filaments and inhibition of actin polymerization. It also inhibits monosaccharide transport across cell membranes. inhibits glucose transport and platelet aggregation. Blocks adenosine-induced apoptotic body formation without affecting activation of endogenous ADP-ribosylation in leukemia HL-60 cells.

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Ordering Information Order Online »

BML-T108-0005	5mg

Manuals, SDS & CofA View Online »


OH
H3C
O
H
HO
O
O
NH
H2C
H
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white solid.
CAS	14930-96-2
Formula	$C_{29}H_{37}NO_5$
MW	479.6
Purity	≥98% (HPLC, TLC)
Solubility	Soluble in methanol or DMSO (20mg/ml).
Source	Isolated from *Drechslera dematoidea*

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