Dutscher
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Technical Data Sheet

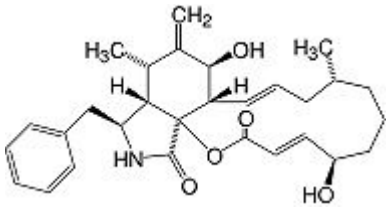
Description

CYTOCHALASIN B 5mg

Part number

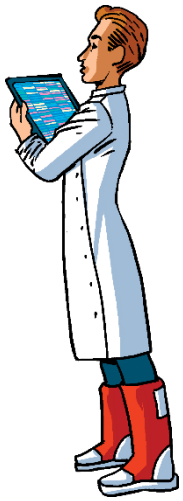
215628

Pieces by sales : 8224



Description

Cytochalasin B



Technical characteristics

- Cytochalasin B is a metabolite of the fungus
- Drechslera dematoidea
- which binds to the barbed end of actin filaments resulting in inhibition of
- both the association and dissociation of subunits.
- Cytochalasin B is a
- reversible inhibitor of cell motion (1), inhibits phagocytosis (2), induces
- polyploidy (3) and induces nuclear extrusion (4, 5). It binds to the glucose
- transporter and inhibits monosaccharide transport across the plasma membrane.
- **Assay (HPLC) :** > 98.0 %
- **Assay (TLC) :** > 98.0 %
- References:
- Becker, E. et al. (1972) J. Immunol.
- 108,
- 396-401
- Davis, A. et al. (1971) Proc. Soc. Exp. Biol. Med.
- 137,
- 161- 7
- Hoehn, H. et al. (1972) Fed. Proc.
- 31,
- A 607-8
- Krishan, A. (1972) J. Cell Biol.
- 54,
- 657- 62
- Prescott, D. (1972) Exp. Cell Res.
- 71,

- 480-3
- Hazard Statements
- H300
- -
- H310
- H330
- H361d
- Precautions
- P201
- P260
- P280
- Reaction
- P301 +P310
- P302 +P350
- P304 +P340
- Repr. 2
- •
- **GGVSE/ADR :** 6.1 II UN2811
- **IATA :** 6.1 II UN2811
- **EINECS :** 239-000-2
- **WGK :** 2
- **HS :** 29339980
- **Storage Temperature :** +2 °C to +8 °C