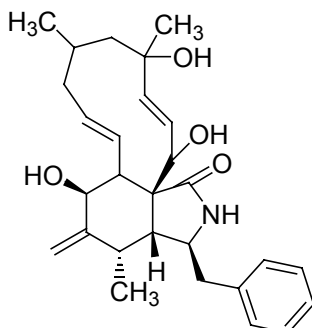


Cytochalasin J

Code: **BIA-C1024**

Pack sizes: **1.0 mg, 5.0 mg**



Synonyms : **Kodocytochalasin 2, Paspalin P11, Deacetylcytochalasin H, 17-Deoxyzygospurin D**

Specifications

CAS # : **56144-22-0**
Molecular Formula : **C₂₈H₃₇NO₄**
Molecular Weight : **451.6**
Source : ***Phomopsis* sp. MST-FP1655**
Appearance : **White solid**
Purity : **> 95% by HPLC**
Long Term Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO.**

Application Notes

Cytochalasin J is one of a family of potent mycotoxins produced by a range of fungi. All members of the cytochalasin class exhibit profound effects on cytoskeletal proteins which give rise to pronounced morphogenic activity in animals and plants. Cytochalasin J is the deacetyl analogue of cytochalasin H and exhibits similar, though less potent, antibacterial, antifungal, nematocidal and antitumor activities.

References

1. Cytochalasin J affects chromosome congression and spindle microtubule organization in PtK1 cells. Snyder J.A. & Cohen L. *Cell Motil. Cytoskeleton* **1995**, 32, 245.