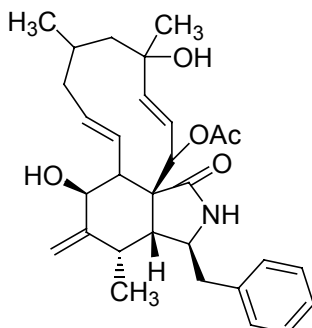


Cytochalasin H

Code: **BIA-C1023**

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



Synonyms : **Kodocytochalasin 1, Paspalin P1, 17-Deoxo-21-acetyl-zygospurin D**

Specifications

CAS #	: 53760-19-3
Molecular Formula	: C₃₀H₃₉NO₅
Molecular Weight	: 493.6
Source	: <i>Phomopsis</i> 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 H 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 resulting in pronounced morphogenic changes in animals and plants. *In vitro*, cytochalasin H exhibits antibacterial, antifungal, nematocidal and antitumor activity.

References

1. Effects of cytochalasin H, a potent inhibitor of cytoskeletal reorganisation, on platelet function. Natarajan P. et al. *Platelets* **2000**, 11, 467.
2. Toxicity and plant growth regulator effects of cytochalasin H isolated from *Phomopsis* sp.. Wells J.M. *Can. J. Microbiol.* **1976**, 22, 1137.