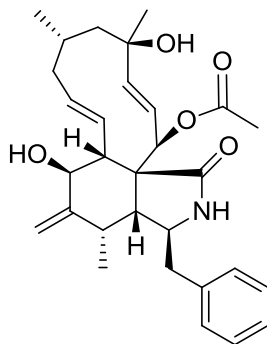


Cytochalasin H

Code No.: **BIA-C1023**

Pack sizes: **1 mg, 5 mg**



Synonyms : Kodocytchalasin 1, Paspalin P1, 17-Deoxo-21-acetylzygospirin D

Specifications

CAS #	: 53760-19-3
Molecular Formula	: C ₃₀ H ₃₉ NO ₅
Molecular Weight	: 493.6
Source	: <i>Phomopsis</i> sp.
Appearance	: White Lyophilisate
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Cytochalasin H is one of a family of potent mycotoxins produced by a range of fungi. All members of the 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.