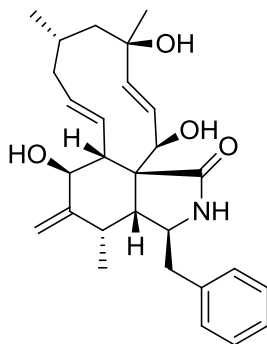


## Cytochalasin J

Code No.: **BIA-C1024**

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



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

### Specifications

CAS #	: 53760-20-6
Molecular Formula	: <b>C<sub>28</sub>H<sub>37</sub>NO<sub>4</sub></b>
Molecular Weight	: <b>451.6</b>
Source	: <b><i>Phomopsis</i> sp.</b>
Appearance	: <b>White Lyophilisate</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.</b>

### Application Notes

Cytochalasin J 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, 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. and Cohen L. Cell Motil Cytoskeleton. 1995, 32, 245.