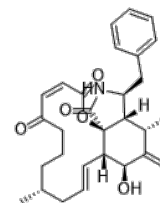


Product Name : Cytochalasin A
Cat. No. : PC-28244
CAS No. : 14110-64-6
Molecular Formula : C₂₉H₃₅NO₅
Molecular Weight : 477.59
Target : Microtubule/Tubulin
Solubility : 10 mM in DMSO



Biological Activity

Cytochalasin A is a cell-permeable fungal toxin and oxidized derivative of cytochalasin B, inhibits **actin polymerization** of brain tubulin and muscle actin, also inhibits **HIV-1 protease** with IC₅₀ of 3 uM, inhibits growth and glucose transport in *Saccharomyces*.

References

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Himes RH, et al. *Biochem Biophys Res Commun*. 1976 Feb 23;68(4):1362-70.
Cunningham D, et al. *J Bacteriol*. 1979 Feb;137(2):925-32.
Jones LA, et al. *Eukaryot Cell*. 2010 Oct;9(10):1455-65.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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