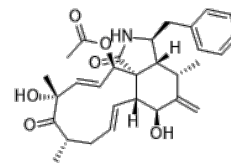


Product Name : Cytochalasin D
Cat. No. : PC-28234
CAS No. : 22144-77-0
Molecular Formula : C₃₀H₃₇NO₆
Molecular Weight : 507.63
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Cytochalasin D (Zygosporin A, CytoD) is a specific inhibitor of **actin polymerization**, inhibits the **G-actin**-cofilin interaction by binding to G-actin, also inhibits the binding of cofilin to F-actin and decreases the rate of both actin polymerization and depolymerization in living cells.

References

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Flanagan MD, et, al. *J Biol Chem*. 1980 Feb 10;255(3):835-8.

Catalano M, et, al. *J Extracell Vesicles*. 2019 Dec 19;9(1):1703244.

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

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