Cytochalasin E is a mycotoxin actin polymerization inhibitor initially produced by species of Aspergillus. Cytochalasin E increases levels of IL-8, ICAM-1, and CD-54 in vitro. Cytochalasin E also exhibits anticancer chemotherapeutic and anti-angiogenic activities. In endothelial cells, cytochalasin E inhibits cell proliferation and FGF-stimulated angiogenesis. In similar animal models, this compound inhibits lung tumor growth.

References

