

Product Name:	Cytochalasin E
Product Number:	C197
CAS Number:	36011-19-5
Molecular Formula:	$C_{28}H_{33}NO_7$
Molecular Weight:	495.6
Appearance:	White powder
Storage Conditions:	-20°C
Description:	<p>Cytochalasin E is one of a family of potent mycotoxins produced by a range of fungi. Despite the common mode of action, there is evidence that individual members display diverse selectivity. Specifically, cytochalasin E acts as an angiogenesis inhibitor and, unlike other cytochalasins, does not inhibit glucose transport.</p>
	<p>Cytochalasin E is soluble in ethanol, methanol, DMF and DMSO.</p>
Mechanism of Action:	<p>All cytochalasins exhibit profound effects on cytoskeletal proteins, resulting in pronounced morphogenic changes in animals and plants.</p>
References:	<p>The structure of the fungal metabolites cytochalasins E and F. Aldridge D. C. et al. Chem. Commun. 1973, 551.</p> <p>Cytochalasin E, an epoxide containing Aspergillus-derived fungal metabolite, inhibits angiogenesis and tumor growth. Udagawa T. et al. J. Pharmacol. Exp. Ther. 2000, 294, 421.</p>