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Product Datasheet

Cytochalasin B, CAS [[14930-96-2]] FBM-10-2069

Artikelname	Cytochalasin B, CAS [[14930-96-2]]
Artikelnummer	FBM-10-2069
Hersteller Artikelnummer	10-2069
Alternativnummer	FBM-10-2069-1MG,FBM-10-2069-5MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Actin filament disrupting agent...
Molekulargewicht	479.61
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[14930-96-2]
Formel	C ₂₉ H ₃₇ N _O ₅
Anwendungsbeschreibung	A cell permeable fungal toxin which binds to the barbed end of actin, inhibiting its polymerization. ¹ Inhibits cell division, migration and glucose transport. ² Causes cell cycle arrest at G2/M and induces apoptosis in HCT-116 colorectal carcinoma cells. ³ Cytochalasin B-induced membrane vesicles (CIMVs) retain cell surface receptors of the parent cells and retain fusion specificity with target cells. ⁴ CIMVs are a promising new vector system for drug and biomolecule delivery due to their natural origin and participation in intercellular communication. ⁵