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## Product Datasheet

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

Article Name	Cytochalasin B, CAS [[14930-96-2]]
Biozol Catalog Number	FBM-10-2069
Supplier Catalog Number	10-2069
Alternative Catalog Number	FBM-10-2069-1MG, FBM-10-2069-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Actin filament disrupting agent...
Molecular Weight	479.61
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[14930-96-2]
Formula	C <sub>29</sub> H <sub>37</sub> N <sub>5</sub> O <sub>5</sub>
Application Notes	A cell permeable fungal toxin which binds to the barbed end of actin, inhibiting its polymerization. <sup>1</sup> Inhibits cell division, migration and glucose transport. <sup>2</sup> Causes cell cycle arrest at G2/M and induces apoptosis in HCT-116 colorectal carcinoma cells. <sup>3</sup> Cytochalasin B-induced membrane vesicles (CIMVs) retain cell surface receptors of the parent cells and retain fusion specificity with target cells. <sup>4</sup> CIMVs are a promising new vector system for drug and biomolecule delivery due to their natural origin and participation in intercellular communication. <sup>5</sup>