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Product Datasheet

K-858, CAS [[72926-24-0]] FBM-10-1312

Artikelname	K-858, CAS [[72926-24-0]]
Artikelnummer	FBM-10-1312
Hersteller Artikelnummer	10-1312
Alternativnummer	FBM-10-1312-5MG,FBM-10-1312-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Kinesin Eg5 inhibitor...
Molekulargewicht	277.35
Reinheit	98% by TLC, NMR(conforms)
Formulierung	White solid
CAS Nummer	[72926-24-0]
Formel	C13H15N3O2S
Anwendungsbeschreibung	Selective mitotic kinesin Eg5 inhibitor (IC50 = 1.3 µM) which acts in an ATP-noncompetitive manner ^{1,2} . It is at least 150-fold more selective for Eg5 than other members of the kinesin superfamily. K858 blocks centrosome separation, activates the spindle checkpoint and induces mitotic arrest accompanied by the formation of monopolar spindles. Displays no effect on microtubule polymerization. Selectively displays antiproliferative effects via induction of mitotic cell death in cancer cells over nontransformed cells ¹ .