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Product Datasheet

K-858, CAS [[72926-24-0]]

FBM-10-1312

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| Article Name | K-858, CAS [[72926-24-0]] |
| Biozol Catalog Number | FBM-10-1312 |
| Supplier Catalog Number | 10-1312 |
| Alternative Catalog Number | FBM-10-1312-5MG, FBM-10-1312-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Kinesin Eg5 inhibitor... |
| Molecular Weight | 277.35 |
| Purity | 98% by TLC, NMR(conforms) |
| Form | White solid |
| CAS Number | [72926-24-0] |
| Formula | C13H15N3O2S |
| Application Notes | Selective mitotic kinesin Eg5 inhibitor (IC50 = 1.3 μ M) 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 . |