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Product Datasheet

Ansamitocin P3, CAS [[66584-72-3]] **FBM-10-2199**

Article Name	Ansamitocin P3, CAS [[66584-72-3]]
Biozol Catalog Number	FBM-10-2199
Supplier Catalog Number	10-2199
Alternative Catalog Number	FBM-10-2199-1MG, FBM-10-2199-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Microtubule depolymerizer...
Molecular Weight	635.16
Purity	>90% by TLC [1:9 CH ₃ OH:CH ₂ Cl ₂ , R _f = 0.54] remainder is P-1, P-2 and P-4. NMR (Conforms)
Form	Yellow solid
CAS Number	[66584-72-3]
Formula	C ₃₂ H ₄₃ ClN ₂ O ₉
Application Notes	Ansamitocin P3 (66547-09-9) is a fungal metabolite from Actinosynnema pretiosum which binds to the phomopsin A/rhizoxin site on tubulin ^{1,2} . Ansamitocin P3 is a maytansine analog which displays potent cytotoxicity against various human tumor cell lines ^{2,3} . Maytansine and its analogs cause extensive disassembly of microtubules and totally prevent tubulin spiralization ⁴ .