

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Mycalolide B, CAS [[122752-21-0]] FBM-10-2217

Article Name	Mycalolide B, CAS [[122752-21-0]]
Biozol Catalog Number	FBM-10-2217
Supplier Catalog Number	10-2217
Alternative Catalog Number	FBM-10-2217-20UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Actin depolymerizing agent...
Molecular Weight	1027.16
Purity	98% by HPLC NMR (Conforms)
Form	Colorless waxy film
CAS Number	[122752-21-0]
Formula	C ₅₂ H ₇₄ N ₄ O ₁₇
Application Notes	A novel marine natural product which binds to actin in a 1:1 molar ratio (K _d =13-20 nM). ¹ It selectively and completely depolymerizes F-actin to G-actin via a novel mechanism different from that of the cytochalasin D. ² It is a novel and specific inhibitor of actomyosin ATPase. ³