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Product Datasheet

E-64

FBM-10-1345

Article Name	E-64
Biozol Catalog Number	FBM-10-1345
Supplier Catalog Number	10-1345
Alternative Catalog Number	FBM-10-1345-5MG,FBM-10-1345-25MG,FBM-10-1345-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cysteine protease inhibitor...
Molecular Weight	357.41
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[66701-25-5]
Formula	C ₁₅ H ₂₇ N ₅ O ₅
Application Notes	Cell-permeable, epoxysuccinyl peptide irreversible inhibitor of calpain and other cysteine proteases. ^{1,2} Inhibits calpain-dependent apoptosis pathway in T cells ³ but promotes heat-induced apoptosis in FM3A cells. Typical working concentration is 0.5-10 µg/ml. ⁴