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Product Datasheet

Calphostin C FBM-10-5635

Article Name	Calphostin C
Biozol Catalog Number	FBM-10-5635
Supplier Catalog Number	10-5635
Alternative Catalog Number	FBM-10-5635-100UG,FBM-10-5635-500UG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Protein Kinase C inhibitor...
Molecular Weight	790.77
Purity	98% by HPLC NMR (Conforms)
Form	Dark red to light brown solid
CAS Number	[121263-19-2]
Formula	C ₄₄ H ₃₈ O ₁₄
Application Notes	Potent and specific inhibitor of protein kinase C (PKC, IC ₅₀ = 50 nM). ¹ Inhibition of PKC is light dependent ² and is competitive with the diacylglycerol / phorbol ester binding site ¹ . Calphostin C competes with the diacylglycerol / phorbol ester binding site in other proteins such as Munc13-1. ³ Reverses oxycodone-induced tolerance to respiratory depression. ⁴