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Product Datasheet

Teleocidin A1, CAS [[70497-14-2]] FBM-10-3339

Article Name	Teleocidin A1, CAS [[70497-14-2]]
Biozol Catalog Number	FBM-10-3339
Supplier Catalog Number	10-3339
Alternative Catalog Number	FBM-10-3339-200UG,FBM-10-3339-1MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Non-phorbol ester PKC activator...
Molecular Weight	437.63
Purity	>95% by HPLC, NMR (Conforms)
Form	White solid/wax
CAS Number	[70497-14-2]
Formula	C27H39N3O2
Application Notes	Teleocidin A1 is a selective protein kinase C activator ¹ (EC ₅₀ = 40 ng/ml) representing a new class of non-phorbol ester tumor promotor ² . Teleocidin A1 mimics the effect of diacylglycerol (DAG), activating PKC, but unlike DAG causes persistent activation. ³ It enhances actin redistribution, vacuole formation and c-fos expression in PLC/PRF/5 hepatoma cells. ⁴ Occurs in toxic cyanobacterial blooms. ⁵