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Product Datasheet

Ro 31-8425 HCl FBM-10-1563

Article Name	Ro 31-8425 HCl
Biozol Catalog Number	FBM-10-1563
Supplier Catalog Number	10-1563
Alternative Catalog Number	FBM-10-1563-1MG,FBM-10-1563-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PKC inhibitor...
Molecular Weight	460.96
Purity	98% by TLC, NMR (Conforms)
Form	Red solid
CAS Number	[145317-11-9]
Formula	C ₂₆ H ₂₄ N ₄ O ₂ HCl
Application Notes	Selective, reversible, ATP-competitive inhibitor of protein kinase C. Inhibits PKC α , β 1, β 2, γ and ϵ , IC ₅₀ = 8, 8, 14,13 and 39 nM respectively. ¹ Extremely useful tool for probing PKC-dependent physiology ² or signaling pathways ³ . Increases MSC adhesion to an ICAM-1 coated substrate in vitro and enables targeted delivery of systematically administered MSCs to inflamed sites in vivo in a CD11a-dependent manner. ⁴ Cell permeable.