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Product Datasheet

NKY-80, CAS [[299442-43-6]] FBM-10-1482

Article Name	NKY-80, CAS [[299442-43-6]]
Biozol Catalog Number	FBM-10-1482
Supplier Catalog Number	10-1482
Alternative Catalog Number	FBM-10-1482-5MG,FBM-10-1482-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Adenylate cyclase inhibitor...
Molecular Weight	229.24
Purity	98% by TLC, NMR (conforms)
Form	Gold-colored solid
CAS Number	[299442-43-6]
Formula	C ₁₂ H ₁₁ N ₃ O ₂
Application Notes	Potent and selective adenylyl cyclase inhibitor. Selective for AC5 and over AC3 and AC2 (IC ₅₀ = 8.3 µM, 132 µM and 1.7 mM respectively) ^{1,2} . More recently shown to indiscriminantly inhibit AC63. An extremely useful tool for probing the involvement of adenylyl cyclases in cellular signaling ⁴ .