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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	C12H11N3O2
Application Notes	Potent and selective adenylyl cyclase inhibitor. Selective for AC5 and over AC3 and AC2 (IC50 = 8.3 µM, 132 µM and 1.7 mM respectively) ^{1,2} . More recently shown to indiscriminantly inhibit AC6 ³ . An extremely useful tool for probing the involvement of adenylyl cylases in cellular signaling ⁴ .