

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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 <sub>12</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>
Application Notes	Potent and selective adenylyl cyclase inhibitor. Selective for AC5 and over AC3 and AC2 (IC <sub>50</sub> = 8.3 μM, 132 μM and 1.7 mM respectively) <sup>1,2</sup> . More recently shown to indiscriminantly inhibit AC63. An extremely useful tool for probing the involvement of adenylyl cyclases in cellular signaling <sup>4</sup> .