

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

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

|                          |                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | NKY-80, CAS [[299442-43-6]]                                                                                                                                                                                                                                                                                                               |
| Artikelnummer            | FBM-10-1482                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | 10-1482                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | FBM-10-1482-5MG,FBM-10-1482-25MG                                                                                                                                                                                                                                                                                                          |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | Adenylate cyclase inhibitor...                                                                                                                                                                                                                                                                                                            |
| Molekulargewicht         | 229.24                                                                                                                                                                                                                                                                                                                                    |
| Reinheit                 | 98% by TLC, NMR (conforms)                                                                                                                                                                                                                                                                                                                |
| Formulierung             | Gold-colored solid                                                                                                                                                                                                                                                                                                                        |
| CAS Nummer               | [299442-43-6]                                                                                                                                                                                                                                                                                                                             |
| Formel                   | C <sub>12</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub>                                                                                                                                                                                                                                                                             |
| Anwendungsbeschreibung   | 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> . |