

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

## Product Datasheet

### **KT-5823, CAS [[126643-37-6]] FBM-10-2083**

|                          |                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | KT-5823, CAS [[126643-37-6]]                                                                                                                                                                                                                                                                                                                              |
| Artikelnummer            | FBM-10-2083                                                                                                                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | 10-2083                                                                                                                                                                                                                                                                                                                                                   |
| Alternativnummer         | FBM-10-2083-100UG,FBM-10-2083-500UG                                                                                                                                                                                                                                                                                                                       |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                        |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                            |
| Produktbeschreibung      | PKG inhibitor...                                                                                                                                                                                                                                                                                                                                          |
| Molekulargewicht         | 495.53                                                                                                                                                                                                                                                                                                                                                    |
| Reinheit                 | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                |
| Formulierung             | White or off white solid                                                                                                                                                                                                                                                                                                                                  |
| CAS Nummer               | [126643-37-6]                                                                                                                                                                                                                                                                                                                                             |
| Formel                   | C <sub>29</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub>                                                                                                                                                                                                                                                                                             |
| Anwendungsbeschreibung   | Selective protein kinase G inhibitor (K <sub>i</sub> =0.23, 4 and >10 µM for PKG, PKC and PKA respectively <sup>1</sup> . Arrests human skin fibroblast cell cycle after the G <sub>0</sub> /G <sub>1</sub> boundary <sup>2</sup> . Abolishes the cGMP-induced relaxation in smooth muscle cells (IC <sub>50</sub> =60 nM) <sup>3</sup> . Cell permeable. |