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## Product Datasheet

### 10074-G5, CAS [[413611-93-5]] FBM-10-5627

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| Artikelname              | 10074-G5, CAS [[413611-93-5]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Artikelnummer            | FBM-10-5627                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Hersteller Artikelnummer | 10-5627                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Alternativnummer         | FBM-10-5627-5MG,FBM-10-5627-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Produktbeschreibung      | c-Myc inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Molekulargewicht         | 332.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reinheit                 | 98% by TLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formulierung             | Orange solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CAS Nummer               | [413611-93-5]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formel                   | C18H12N4O3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Anwendungsbeschreibung   | Inhibits c-Myc by disrupting c-Myc/Max heterodimer formation and inhibiting its transcriptional activity. <sup>1</sup> 10074-G5 binds to the c-Myc bHLHZip domain with K <sub>d</sub> =2.8 mM. <sup>1</sup> It was cytotoxic in C-Myc-overexpressing cell lines (IC <sub>50</sub> s = 13 to 15 mM) but was not active in vivo due to rapid metabolism. <sup>2</sup> 10074-G5 is a useful tool to probe for involvement of c-Myc involvement in cellular processes. <sup>3,4</sup> Binds to and sequesters the intrinsically disordered amyloid-beta (Abeta) in its monomeric soluble state and rescues a C. elegans model of Abeta-associated toxicity. <sup>5</sup> |