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## Product Datasheet

**UCB9608, CAS [[1616413-96-7]]**  
**FBM-10-4857**

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| Artikelname              | UCB9608, CAS [[1616413-96-7]]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Artikelnummer            | FBM-10-4857                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Hersteller Artikelnummer | 10-4857                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Alternativnummer         | FBM-10-4857-5MG,FBM-10-4857-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Produktbeschreibung      | Highly selective PI4KIIIβ inhibitor...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Molekulargewicht         | 410.48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reinheit                 | >98% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formulierung             | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CAS Nummer               | [1616413-96-7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formel                   | C20H26N8O2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Anwendungsbeschreibung   | <p>UCB9608 is a potent (IC<sub>50</sub> = 5 nM), highly selective, and orally bioavailable inhibitor of the phosphatidylinositol kinase PI4KIIIβ.<sup>1</sup> It acts as a potent immunosuppressive agent (IC<sub>50</sub> = 37 nM human mixed lymphocyte reaction (HuMLR) assay) and was able to significantly prolong heterotopic allograft retention in a mouse model of cardiac allograft rejection. UCB9608 preserved graft tolerance in mice carrying a heterotopic allogenic heart challenged with host-type melanoma and subsequently treated with antitumor immunotherapy.<sup>2</sup> UCB9608 promoted a T cell regulatory phenotype over an effector phenotype.<sup>3</sup></p> |