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## Product Datasheet

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

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|----------------------------|--|
| Article Name               | UCB9608, CAS [[1616413-96-7]]  |
| Biozol Catalog Number      | FBM-10-4857  |
| Supplier Catalog Number    | 10-4857  |
| Alternative Catalog Number | FBM-10-4857-5MG, FBM-10-4857-25MG  |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Highly selective PI4KIII $\beta$ inhibitor...  |
| Molecular Weight           | 410.48   |
| Purity                     | >98% by HPLC NMR (Conforms)  |
| Form                       | White solid  |
| CAS Number                 | [1616413-96-7]   |
| Formula                    | C <sub>20</sub> H <sub>26</sub> N <sub>8</sub> O <sub>2</sub>  |
| Application Notes          | UCB9608 is a potent (IC <sub>50</sub> = 5 nM), highly selective, and orally bioavailable inhibitor of the phosphatidylinositol kinase PI4KIII $\beta$ . <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> |