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Product Datasheet

UCB9608, CAS [[1616413-96-7]]

FBM-10-4857

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 β inhibitor...
Molecular Weight	410.48
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1616413-96-7]
Formula	C ₂₀ H ₂₆ N ₈ O ₂
Application Notes	UCB9608 is a potent (IC ₅₀ = 5 nM), highly selective, and orally bioavailable inhibitor of the phosphatidylinositol kinase PI4KIII β . ¹ It acts as a potent immunosuppressive agent (IC ₅₀ = 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. ² UCB9608 promoted a T cell regulatory phenotype over an effector phenotype. ³