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Product Datasheet

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

FBM-10-4857

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	UCB9608 is a potent (IC₅₀ = 5 nM), highly selective, and orally bioavailable inhibitor of the phosphatidylinositol kinase PI4KIIIβ.¹ It acts as a potent immunosuppressive agent (IC₅₀ = 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