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Product Datasheet

AZD3965, CAS [[1448671-31-5]] FBM-10-4056

Article Name	AZD3965, CAS [[1448671-31-5]]
Biozol Catalog Number	FBM-10-4056
Supplier Catalog Number	10-4056
Alternative Catalog Number	FBM-10-4056-5MG, FBM-10-4056-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MCT1 inhibitor...
Molecular Weight	515.51
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1448671-31-5]
Formula	C ₂₁ H ₂₄ F ₃ N ₅ O ₅ S
Application Notes	AZD3965 is a potent inhibitor (K _i : 1.6 - 3.2 nM) of monocarboxylate transporter 1 (MCT1) with approximately 6-fold selectivity over MCT2.1 Active in multiple cancer models as monotherapy or in combination with other chemotherapeutics.2 AZD3965 improved CAR-T cell therapy against B-cell malignancies.3 It inhibited lipid biosynthesis and increased tumor infiltration of dendritic and natural killer cells.4 Combination therapy with immune checkpoint blockade suppressed lactate-mediated immunosuppression in the tumor microenvironment.5