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Product Datasheet

Quizartinib FBM-10-4813

Article Name	Quizartinib
Biozol Catalog Number	FBM-10-4813
Supplier Catalog Number	10-4813
Alternative Catalog Number	FBM-10-4813-5MG,FBM-10-4813-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	FLT3 inhibitor...
Molecular Weight	560.67
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[950769-58-1]
Formula	C ₂₉ H ₃₂ N ₆ O ₄ S
Application Notes	Quizartinib is a potent and selective inhibitor of FLT3 (K _d = 1.6nM, IC ₅₀ = 0.56 nM MV4-11 cells). ¹ It is in clinical trials for treatment of Acute Myelogenous Leukemia (AML). ^{2,3} Quizartinib priming resulted in prevention of myelosuppression in mice treated with 5-FU and Gemcitabine. ⁴ Quizartinib showed significant reversal of ABCG2-mediated multidrug resistance (3 μM) via antagonism of drug efflux function. ^{5,6}