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Product Datasheet

Crenolanib, CAS [[670220-88-9]] FBM-10-4782

Article Name	Crenolanib, CAS [[670220-88-9]]
Biozol Catalog Number	FBM-10-4782
Supplier Catalog Number	10-4782
Alternative Catalog Number	FBM-10-4782-5MG,FBM-10-4782-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PDGFR and FLT3 inhibitor...
Molecular Weight	443.55
Purity	97% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[670220-88-9]
Formula	C ₂₆ H ₂₉ N ₅ O ₂
Application Notes	Crenolanib is a potent inhibitor of PDGFR (K _d for alpha = 2.1 nM, β = 3.2 nM) and FLT3 (K _d = 0.74 nM). ¹ Crenolanib is a type I inhibitor binding only to the active kinase conformation. It showed potent activity against imatinib-resistant PDGFRalpha mutations D842I, D842V, D842Y, D842E, D842G, D842N, D842R, D842S, D842T, D842V, D842Y, D842E, D842G, D842N, D842R, D842S, D842T, and deletion I8432 as well as FLT3/ITD and FLT3/D835 mutants ³ . Crenolanib acted synergistically with FLT3-CAR T-cells in a FLT3-ITD+ AML murine xenograft model. ⁴