

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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	C26H29N5O2
Application Notes	Crenolanib is a potent inhibitor of PDGFR (Kd for alpha = 2.1 nM, beta = 3.2 nM) and FLT3 (Kd = 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, D1842-843M, and deletion I8432 as well as FLT3/ITD and FLT3/D835 mutants3. Crenolanib acted synergistically with FLT3-CAR T-cells in a FLT3-ITD+ AML murine xenograft model.4