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Product Datasheet

Vatalanib 2HCl, CAS [[212141-51-0]]

FBM-10-2183

Article Name	Vatalanib 2HCl, CAS [[212141-51-0]]
Biozol Catalog Number	FBM-10-2183
Supplier Catalog Number	10-2183
Alternative Catalog Number	FBM-10-2183-10MG, FBM-10-2183-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VEGFRK inhibitor...
Molecular Weight	419.73
Purity	98% by TLC, NMR (Conforms)
Form	White or off-white solid
CAS Number	[212141-51-0]
Formula	C20H15ClN4 2HCl
Application Notes	Potent, selective inhibitor of the VEGFR tyrosine kinases VEGFR-1 (Flt-1, IC ₅₀ = 77 nM) and VEGFR-2 (FLK-1/KDR, IC ₅₀ = 37 nM) ¹ . Weaker inhibitor of other tyrosine kinases including PDGFR-beta (IC ₅₀ = 580 nM), c-KIT (IC ₅₀ = 730 nM), FLT-4 (IC ₅₀ = 660 nM) and c-FMS (IC ₅₀ = 1.4 μM). Inactive against the EGFR, c-SRC, v-ABL, and protein kinase Calpha (IC ₅₀ > 10 μM). Inhibits the growth of multiple myeloma cells in the bone marrow microenvironment ² .