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Product Datasheet

Pazopanib, CAS [[444731-52-6]] FBM-10-2158

Article Name	Pazopanib, CAS [[444731-52-6]]
Biozol Catalog Number	FBM-10-2158
Supplier Catalog Number	10-2158
Alternative Catalog Number	FBM-10-2158-10MG, FBM-10-2158-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Multi-receptor tyrosine kinase inhibitor...
Molecular Weight	437.52
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[444731-52-6]
Formula	C21H23N7O2S
Application Notes	Inhibits multiple receptor tyrosine kinases including VEGFR1,2 and 3 (IC50s=10, 30, 47 nM respectively) and PDGFRalpha, beta and c-Kit (IC50s=71, 84, 74 nM respectively) and others such as FGFR.1 The drug targets both the tumor and endothelial cells in a mouse xenograft model of human multiple myeloma.2 It reduces joint pain and inhibits cartilage degeneration in rodent osteoarthritis models.3 VEGF inhibitors such as pazopanib have potential for treatment of neovascular age-related macular degeneration.4 In clinical use for renal cell carcinoma.5