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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	C ₂₁ H ₂₃ N ₇ O ₂ S
Application Notes	Inhibits multiple receptor tyrosine kinases including VEGFR1,2 and 3 (IC ₅₀ s=10, 30, 47 nM respectively) and PDGFRalpha, beta and c-Kit (IC ₅₀ s=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