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Product Datasheet

Nintedanib, CAS [[656247-17-5]]

FBM-10-3320

Article Name	Nintedanib, CAS [[656247-17-5]]
Biozol Catalog Number	FBM-10-3320
Supplier Catalog Number	10-3320
Alternative Catalog Number	FBM-10-3320-10MG, FBM-10-3320-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	VEGFR, PDGFR and FGFR kinase inhibitor...
Molecular Weight	539.64
Purity	>98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[656247-17-5]
Formula	C31H33N5O4
Application Notes	Nintedanib is a potent inhibitor of VEGFR, PDGFR, FGFR (IC ₅₀ = 13-34 nM for VEGFR, 59-65 nM for PDGFR and 37-108 nM for FGFR subtypes). ¹ Also inhibits Flt-3, Lck, Lyn and Src (IC ₅₀ = 16-156 nM). Inhibits VEGF-stimulated proliferation of HUVECs. ¹ Inhibits tumor growth in a mouse tumor xenograft model. ¹ A novel therapeutic agent for treatment of idiopathic pulmonary fibrosis. ^{2,3} Alleviates chronic pancreatitis by inhibiting the activation of pancreatic stellate cells. ⁴