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Product Datasheet

Ponatinib FBM-10-5064

Article Name	Ponatinib
Biozol Catalog Number	FBM-10-5064
Supplier Catalog Number	10-5064
Alternative Catalog Number	FBM-10-5064-5MG,FBM-10-5064-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Bcr-Abl and multikinase inhibitor...
Molecular Weight	532.56
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[943319-70-8]
Formula	C ₂₉ H ₂₇ F ₃ N ₆ O
Application Notes	Highly potent pan-Bcr-Abl and multikinase inhibitor, suppressing the activity of native Bcr-Abl (IC ₅₀ =0.37 nM) as well as the mutants T315I (IC ₅₀ =2 nM), Q252H (IC ₅₀ =0.44 nM), Y253F (IC ₅₀ =0.3 nM), M351T (IC ₅₀ =0.3 nM) and H396P (IC ₅₀ =0.34 nM). ¹ Also inhibits PDGFR, c-Src and c-Kit (IC ₅₀ =1.1, 5.4 and 12.5 nM respectively) ² as well as FGFR-mediated signaling (IC ₅₀ <40 nM) ³ . Protects against influenza A virus-induced death by suppressing cytokine storm in mouse models. ⁴