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Product Datasheet

Bosutinib, CAS [[380843-75-4]] **FBM-10-2122**

Article Name	Bosutinib, CAS [[380843-75-4]]
Biozol Catalog Number	FBM-10-2122
Supplier Catalog Number	10-2122
Alternative Catalog Number	FBM-10-2122-5MG,FBM-10-2122-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Dual Src/Abl kinase inhibitor...
Molecular Weight	530.45
Purity	>98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[380843-75-4]
Formula	C ₂₆ H ₂₉ Cl ₂ N ₅ O ₃
Application Notes	An ATP-competitive dual Src/Abl kinase inhibitor (IC ₅₀ = 1 nM). ¹ It potently inhibits the apoptosis-linked STE20 kinases but does not inhibit Kit or PDGFR. ² Bosutinib was found to inhibit 16 of 18 imatinib-resistant mutant forms of Bcr-Abl expressed in murine myeloid cell lines, but did not inhibit T315I and V299L mutants. ³ Enhances retinoic acid-induced differentiation of HL-60 leukemia cells. ⁴ Suppresses migration and invasion of human breast cancer cells (IC ₅₀ = 250 nM which is also the IC ₅₀ for inhibition of cellular Src kinase activity in intact tumor cells). ⁵