

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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	C26H29Cl2N5O3
Application Notes	An ATP-competitive dual Src/Abl kinase inhibitor (IC50 = 1 nM). <sup>1</sup> It potently inhibits the apoptosis-linked STE20 kinases but does not inhibit Kit or PDGFR. <sup>2</sup> 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. <sup>3</sup> Enhances retinoic acid-induced differentiation of HL-60 leukemia cells. <sup>4</sup> Suppresses migration and invasion of human breast cancer cells (IC50 = 250 nM which is also the IC50 for inhibition of cellular Src kinase activity in intact tumor cells). <sup>5</sup>