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Product Datasheet

AZD1208, CAS [[1204144-28-4]] FBM-10-4781

Article Name	AZD1208, CAS [[1204144-28-4]]
Biozol Catalog Number	FBM-10-4781
Supplier Catalog Number	10-4781
Alternative Catalog Number	FBM-10-4781-5MG,FBM-10-4781-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	pan-PIM kinase inhibitor...
Molecular Weight	379.48
Purity	98% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[1204144-28-4]
Formula	C ₂₁ H ₂₁ N ₃ O ₂ S
Application Notes	AZD1208 is a highly selective and potent pan-PIM kinase inhibitor (IC ₅₀ = 3 nM PIM1, 150 nM PIM2, 9 nM PIM3). ¹ Displayed efficacy in models of acute myeloid leukemia ² , prostate cancer ³ , and triple-negative breast cancer ⁴ . Combination treatment of AZD1208 and imatinib eliminated chronic myelogenous leukemia stem cells in cell culture and a patient-derived mouse xenograft model. ⁵ It improved immunotherapeutic antitumor T-cell response ⁶ and disrupted the myeloid cell-mediated immunosuppressive tumor microenvironment increasing T-cell-mediated antitumor immunity.