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## Product Datasheet

### SMI-4a, CAS [[438190-29-5]] FBM-10-1359

Article Name	SMI-4a, CAS [[438190-29-5]]
Biozol Catalog Number	FBM-10-1359
Supplier Catalog Number	10-1359
Alternative Catalog Number	FBM-10-1359-5MG, FBM-10-1359-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PIM1 inhibitor...
Molecular Weight	273.23
Purity	98% by TLC, NMR (conforms)
Form	Tan solid
CAS Number	[438190-29-5]
Formula	C11H6F3NO2S
Application Notes	A selective, ATP-competitive inhibitor of the Pim protein kinases (IC50 = 24 and 100 nM for Pim-1 and Pim-2 respectively). Selective over a panel of ~50 other kinases <sup>1</sup> . Induces cell cycle arrest in leukemia and prostate cancer cells <sup>2</sup> . Blocks the growth of a wide range of myeloid and lymphoid cell lines with precursor T-cell lymphoblastic leukemia/lymphoma (pre-T-LBL/T-ALL) being highly sensitive <sup>3</sup> . A useful tool for exploring the involvement of Pim in cellular signaling <sup>4</sup> . Cell permeable.