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Product Datasheet

AG-490, CAS [[133550-30-8]] FBM-10-1091

Article Name	AG-490, CAS [[133550-30-8]]
Biozol Catalog Number	FBM-10-1091
Supplier Catalog Number	10-1091
Alternative Catalog Number	FBM-10-1091-5MG, FBM-10-1091-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	JAK-2 inhibitor...
Molecular Weight	294.31
Purity	98% by TLC [10% methanol in methylene chloride, Rf = 0.50] NMR Conforms
Form	Tan solid
CAS Number	[133550-30-8]
Formula	C17H14N2O3
Application Notes	A potent inhibitor of the JAK-2 tyrosine kinase. In acute lymphoblastic leukemia (ALL) cells, which abundantly express JAK-2, AG-490 dose-dependently blocked cell growth, induced apoptosis and inhibited DNA synthesis. Blocks the growth of all pre-B ALL cells with no effect on normal B or T cells. Does not significantly inhibit other kinases such as Lck, Lyn, Btk, Syk and Src. Reduces liver injury in LPS-induced shock ³ . A useful tool for exploring the role of JAK2/STAT3 pathway in physiologic processes ⁴ .