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Product Datasheet

Ruxolitinib, CAS [[941678-49-5]] FBM-10-4511

Article Name	Ruxolitinib, CAS [[941678-49-5]]
Biozol Catalog Number	FBM-10-4511
Supplier Catalog Number	10-4511
Alternative Catalog Number	FBM-10-4511-5MG,FBM-10-4511-25MG,FBM-10-4511-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	JAK inhibitor...
Molecular Weight	306.37
Purity	99% by HPLC, NMR (conforms)
Form	White solid
CAS Number	[941678-49-5]
Formula	C17H18N6
Application Notes	Potent and selective JAK1&2 inhibitor, IC50s=2.7, 4.5 and 322 nM for JAK1, JAK2 and JAK3 respectively.1 Blocks IL-6 signaling (IC50=281 nM) and proliferation of JAK2V617F+ Ba/F3 cells (IC50=127 nM).2 Inhibits the proinflammatory secretome of senescent cells.3 The JAK1 S646P mutant is highly sensitive to ruxolitinib.4 Clinically useful cancer chemotherapeutic.