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Product Datasheet

Baricitinib, CAS [[1187594-09-7]] FBM-10-3893

Article Name	Baricitinib, CAS [[1187594-09-7]]
Biozol Catalog Number	FBM-10-3893
Supplier Catalog Number	10-3893
Alternative Catalog Number	FBM-10-3893-5MG,FBM-10-3893-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	JAK 1/2 inhibitor...
Molecular Weight	371.42
Purity	98% by HPLC NMR (conforms)
Form	White or off-white solid
CAS Number	[1187594-09-7]
Formula	C16H17N7O2S
Application Notes	<p>Baricitinib, approved by the FDA for two inflammatory disorders, rheumatoid arthritis and alopecia areata, selectively inhibits Janus kinase 1 (IC50 = 5.9 nM) and 2 (5.7 nM), over 3 (0.56 μM).¹ It thereby blocks JAK/STAT signaling, reducing cytokine release and suppressing the innate and adaptive immune systems.^{1,2} Was recently shown to significantly improve COVID-19 symptoms in a preliminary human trial, presumably through suppression of the cytokine release syndrome ("cytokine storm) induced by SARS-CoV-2 infection.³</p>