

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

P505-15, CAS [[1370261-97-4]] **FBM-10-4650**

Article Name	P505-15, CAS [[1370261-97-4]]
Biozol Catalog Number	FBM-10-4650
Supplier Catalog Number	10-4650
Alternative Catalog Number	FBM-10-4650-5MG,FBM-10-4650-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Highly selective Syk inhibitor...
Molecular Weight	429.91
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1370261-97-4]
Formula	C19H23N9OHCl
Application Notes	P505-15 is a highly selective and potent (IC ₅₀ = 1-2 nM) inhibitor of spleen tyrosine kinase (Syk). ¹ It potently inhibited B cell antigen receptor-mediated B cell signaling/activation and basophil degranulation. It displayed anti-inflammatory activity in rodent models of rheumatoid arthritis. P505-15 displayed efficacy in vitro and in vivo in non-Hodgkin lymphoma and chronic lymphocytic leukemia models. ^{2,3} It protected against toxin-induced hepatic fibrosis, associated hepatocellular injury, and hepatocarcinogenesis. ⁴ P505-15 was also found to inhibit PINK1 (IC ₅₀ = 0.5-3 μM) in HeLa cells and dopaminergic neurons. ⁵