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Product Datasheet

P505-15, CAS [[1370261-97-4]]

FBM-10-4650

Artikelname	P505-15, CAS [[1370261-97-4]]
Artikelnummer	FBM-10-4650
Hersteller Artikelnummer	10-4650
Alternativnummer	FBM-10-4650-5MG,FBM-10-4650-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Highly selective Syk inhibitor...
Molekulargewicht	429.91
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1370261-97-4]
Formel	C19H23N9OHCl
Anwendungsbeschreibung	P505-15 is a highly selective and potent ($IC_{50} = 1-2 \text{ nM}$) 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 ($IC_{50} = 0.5-3 \text{ }\mu\text{M}$) in HeLa cells and dopaminergic neurons.⁵