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## Product Datasheet

**P505-15**

**FBM-10-4650**

Artikelname	P505-15
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	C <sub>19</sub> H <sub>23</sub> N <sub>9</sub> O <sub>4</sub> Cl
Anwendungsbeschreibung	<p>P505-15 is a highly selective and potent (IC<sub>50</sub> = 1-2 nM) inhibitor of spleen tyrosine kinase (Syk).<sup>1</sup> 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.<sup>2,3</sup> It protected against toxin-induced hepatic fibrosis, associated hepatocellular injury, and hepatocarcinogenesis.<sup>4</sup> P505-15 was also found to inhibit PINK1 (IC<sub>50</sub> = 0.5-3 μM) in HeLa cells and dopaminergic neurons.<sup>5</sup></p>