P505-15

Highly selective Syk inhibitor

P505-15 is a highly selective and potent inhibitor of spleen tyrosine kinase (Syk). 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. It protected against toxin-induced hepatic fibrosis, associated hepatocellular injury, and hepatocarcinogenesis. P505-15 was also found to inhibit PINK1 in HeLa cells and dopaminergic neurons.

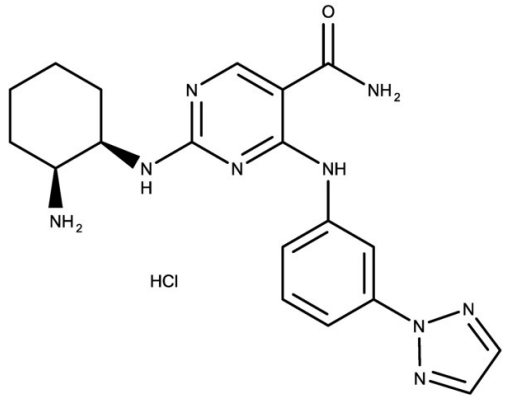
Ordering Information

Order Online »

ENZ-CHM454-0025	25mg

Manuals, SDS & CofA

View Online »


O
NH2
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H
NH
NH2
HCl
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N
N

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-[[(1R,2S)-2-Aminocyclohexyl]amino]-4-[3-(triazol-2-yl)anilino]pyrimidine-5-carboxamide hydrochloride
Appearance	White solid.
CAS	1370261-97-4
Couple Type	Inhibitor
Formula	$C_{19}H_{23}N_9O$. HCl
Identity	Determined by NMR.
MW	429.91
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25 mg/ml) or water (>25 mg/ml).

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