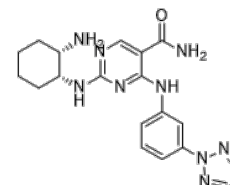


Product Name : PRT062607
Cat. No. : PC-22081
CAS No. : 1370261-96-3
Molecular Formula : C₁₉H₂₃N₉O
Molecular Weight : 393.46
Target : Syk
Solubility : 10 mM in DMSO



CAS: 1370261-96-3

Biological Activity

PRT062607 (P505-15) is a potent, highly specific, orally bioavailable inhibitor of **Syk kinase** with IC₅₀ of 1 nM, also potently inhibits both insect and human **PINK** with an IC₅₀ in the 0.5-3 μM range in HeLa cells and dopaminergic neurons.

PRT062607 displays 80-fold greater than its affinity for other kinases.

PRT062607 potently inhibit SYK- and BCR-dependent activation of normal B-cells.

PRT062607 successfully inhibits SYK-mediated B-cell receptor signaling and decreased cell viability in NHL and CLL.

PRT062607 prevents BCR-mediated splenomegaly and significantly inhibited NHL tumor growth in a xenograft model.

References

Spurgeon SE, et al. *J Pharmacol Exp Ther.* 2013 Feb;344(2):378-87.

Rasool S, et al. *Sci Rep.* 2024 Apr 2;14(1):7739.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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