

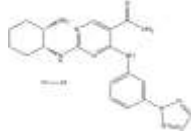
PRODUCT: P505-15 hydrochloride

ALTERNATE NAME: 2-[[[(1R,2S)-2-aminocyclohexyl]amino]-4-[[3-(2H-1,2,3-triazol-2-yl)phenyl]amino]-5-pyrimidinecarboxamide hydrochloride; PRT062607; PRT2607; BIIB-057

CATALOG #: 9583-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₃N₅O. HCl

MOLECULAR WEIGHT: 429.91

CAS NUMBER: 1370261-97-4

APPEARANCE: White solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: P505-15 is a potent, cell-permeable, highly selective, small molecule SYK inhibitor (IC₅₀ = 1 nM) with anti-SYK activity that is at least 80-fold greater than its affinity for other kinases. P505-15 blocks B cell receptor-mediated cell signaling and activation in whole blood (IC₅₀s = 0.27 and 0.28 μM, respectively), as well as Fcε receptor 1-mediated basophil degranulation (IC₅₀ = 0.15 μM).

REFERENCES: Coffey, G., *et al.* (2012). *J. Pharmacol. Exp. Ther.* **340**, 350-359.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

BAY 61-3606 hydrochloride (Cat. No. 1796-1,5)

Cerdulatinib (Cat. No. 2803-5,25)

Fostamatinib Disodium (Cat. No. 1936-1,5)

GS-9973 (Cat. No. 2669-1,5)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**