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**Product Data Sheet**

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Product Name: PF-06250112

Cat. No.: GC34709

**Chemical Properties**

Cas. No. 1609465-89-5

SMILES O=C(N)C1=C(N(N=C1C2=CC=C(C=C2)OC3=CC=C(C=C3F)F)[C@@H]4CN(CCC4)C#N)NFormula  $C_{22}H_{20}F_2N_6O_2$  M.Wt 438.43

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

PF-06250112 is a potent, highly selective, orally bioavailable BTK inhibitor with an IC<sub>50</sub> of 0.5 nM, shows inhibitory effect toward BMX nonreceptor tyrosine kinase and TEC with IC<sub>50</sub>s of 0.9 nM and 1.2 nM, respectively[1]. IC<sub>50</sub>: 0.5 nM (BTK), 0.9 nM (BMX), 1.2 nM (TEC)[1]

[1]. Rankin AL, et al. Selective inhibition of BTK prevents murine lupus and antibody-mediated glomerulonephritis. J Immunol. 2013 Nov 1;191(9):4540-50.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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