

PF-06250112

Chemical Properties

CAS No.: 1609465-89-5
Formula: C₂₂H₂₀F₂N₆O₂
Molecular Weight: 438.43
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	PF-06250112 is an effective and highly selective BTK inhibitor (IC ₅₀ : 0.5 nM. PF-06250112 displays an inhibitory effect toward BMX nonreceptor tyrosine kinase and TEC (IC ₅₀ s: 0.9 nM and 1.2 nM, respectively).
Targets(IC ₅₀)	BTK: 0.5 nM BMX: 0.9 nM TEC: 1.2 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.281 mL	11.404 mL	22.809 mL
5 mM	0.456 mL	2.281 mL	4.562 mL
10 mM	0.228 mL	1.14 mL	2.281 mL
50 mM	0.046 mL	0.228 mL	0.456 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481