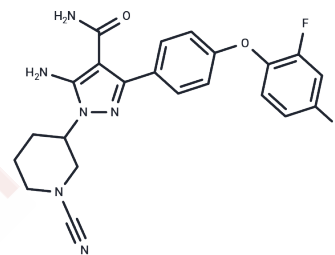


(Rac)-PF-06250112

Chemical Properties

CAS No. : 1609465-88-4
 Formula: C₂₂H₂₀F₂N₆O₂
 Molecular Weight: 438.43
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	(Rac)-PF-06250112 is a racemic form of PF-06250112, a potent and highly selective BTK inhibitor that is orally bioavailable; it also inhibits BMX non-receptor tyrosine kinase and TEC [1].
Targets(IC50)	Others,BTK

Solubility Information

Solubility	DMSO: 250 mg/mL (570.22 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (7.53 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2809 mL	11.4043 mL	22.8087 mL
5 mM	0.4562 mL	2.2809 mL	4.5617 mL
10 mM	0.2281 mL	1.1404 mL	2.2809 mL
50 mM	0.0456 mL	0.2281 mL	0.4562 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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