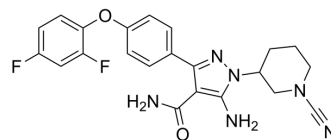


(Rac)-PF-06250112

Cat. No.:	HY-117900A
CAS No.:	1609465-88-4
Molecular Formula:	C ₂₂ H ₂₀ F ₂ N ₆ O ₂
Molecular Weight:	438.43
Target:	Btk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 250 mg/mL (570.22 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 2.08 mg/mL (4.74 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.08 mg/mL (4.74 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(Rac)-PF-0625011 is a racemate of PF-06250112. PF-06250112 is a potent, highly selective, orally bioavailable BTK inhibitor and shows inhibitory effect toward BMX nonreceptor tyrosine kinase and TEC^[1].

REFERENCES

[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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA