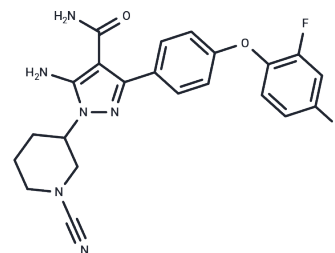


# Data Sheet (Cat.No.T12673)

(Rac)-PF-06250112

## Chemical Properties

CAS No. : 1609465-88-4  
Formula: C22H20F2N6O2  
Molecular Weight: 438.43  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                                                                                                                            |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | (Rac)-PF-0625011 is a racemic form of PF-06250112, a potent and highly selective BTK inhibitor that is orally bioavailable. It also demonstrates an inhibitory effect on the BMX non-receptor tyrosine kinase and TEC [1]. |
| Targets(IC50) | Others                                                                                                                                                                                                                     |

## Solubility Information

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 250 mg/mL (570.22 mM),<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|-------------------------------------------------------------------------------------------------|

### 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.

## 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.

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