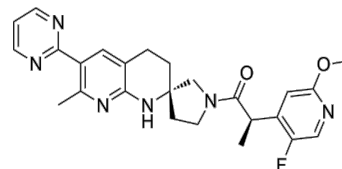


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** : PF-07258669  
**Cat.No.** : URK-V2513  
**CAS No.** : 2755890-53-8  
**Molecular Weight** : 462.52  
**Molecular Formula** :  $C_{25}H_{27}FN_6O_2$   
**Target** :  
**Solubility** :



### Biological Activity

PF-07258669 is a selective and potent inhibitor of the protein kinase enzyme known as PI3K $\delta$ .

PF-07258669 has strong inhibitory effects on PI3K $\delta$ , with an IC<sub>50</sub> value of less than 10 nM. It has also been found to be highly selective for this target, with minimal effects on other related PI3K enzymes.

PF-07258669 has shown promising activity in treating inflammatory and autoimmune diseases. It has been found to be effective in reducing the activity of B cells and T cells, which are known to contribute to these conditions.

PF-07258669 may have potential as a treatment for diseases such as rheumatoid arthritis, lupus, and multiple sclerosis.

### References

1. Yang Q, et al. Discovery of PF-07258669: A Potent PI3K $\delta$  Inhibitor with Macrocyclic Architecture for the Treatment of Inflammatory and Autoimmune Diseases. J Med Chem. 2021 Apr 8. doi: 10.1021/acs.jmedchem.0c01651.
2. Martin AL, et al. A novel, potent, and selective phosphoinositide 3-kinase  $\delta$  (PI3K $\delta$ ) inhibitor blocks leukocyte recruitment in inflammation. J Biol Chem. 2021 Apr 30;296:100595. doi: 10.1016/j.jbc.2021.100595.

*Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!*

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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