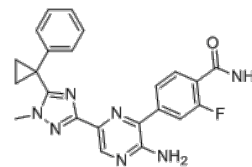


**Product Name** : PI3K $\delta$ -IN-7n  
**Cat. No.** : PC-62806  
**CAS No.** : 2088525-31-7  
**Molecular Formula** : C<sub>23</sub>H<sub>20</sub>FN<sub>7</sub>O  
**Molecular Weight** : 429.459  
**Target** : PI3K  
**Solubility** : 10 mM in DMSO



## Biological Activity

PI3K $\delta$ -IN-7n is a highly potent and selective **PI3K $\delta$**  inhibitor with IC<sub>50</sub> of 0.9 nM, displays high selectivity (>1,500-fold) over PI3K $\alpha$ , PI3K $\beta$ , PI3K $\gamma$  (IC<sub>50</sub>>1.5  $\mu$ M).

PI3K $\delta$ -IN-7n shows reasonable pharmacokinetics with good bioavailability and moderate in vivo half-life.

PI3K $\delta$ -IN-7n is one of the most selective PI3K $\delta$  inhibitors published to date.

## References

Terstiege I, et al. *Bioorg Med Chem Lett*. 2017 Feb 1;27(3):679-687.

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

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