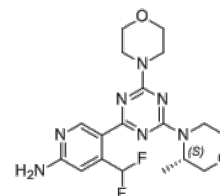


**Product Name** : PQR-530  
**Cat. No.** : PC-35552  
**CAS No.** : 1927857-61-1  
**Molecular Formula** : C<sub>18</sub>H<sub>23</sub>F<sub>2</sub>N<sub>7</sub>O<sub>2</sub>  
**Molecular Weight** : 407.42  
**Target** : PI3K  
**Solubility** : 10 mM in DMSO



### Biological Activity

PQR-530 (PQR530) is a potent, BBB penetrant, dual **pan-PI3K/mTOR inhibitor** with K<sub>d</sub> of 0.3/1/6/11/10 nM for mTOR/PIK3CA/PIK3CB/PIK3CD/PIK3CG, respectively.

PQR-530 effectively cross the blood-brain barrier and increase seizure threshold in a mouse model of chronic epilepsy.

### References

Brandt C, et al. *Neuropharmacology*. 2018 Aug 3;140:107-120.

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

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