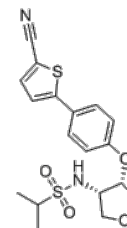


**Product Name** : PF-04958242  
**Cat. No.** : PC-61864  
**CAS No.** : 1258963-59-5  
**Molecular Formula** : C<sub>18</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
**Molecular Weight** : 392.49  
**Target** : iGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

PF-04958242 (Pesampator) is a novel potent, selective, and orally-active AMPA receptor (**AMPA**) positive allosteric modulator (PAM) with K<sub>i</sub> of 170 nM, EC<sub>50</sub> of 370 nM.

PF-04958242 (Pesampator) is under development for the treatment of cognitive symptoms in schizophrenia.

## References

Shaffer CL, et al. *J Med Chem.* 2015 May 28;58(10):4291-308.

Ranganathan M, et al. *Mol Psychiatry.* 2017 Feb 28. doi: 10.1038/mp.2017.6.

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

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