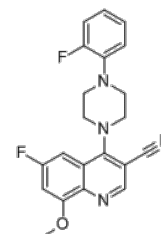


**Product Name** : VU6027459  
**Cat. No.** : PC-49593  
**CAS No.** : 2597355-49-0  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>F<sub>2</sub>N<sub>4</sub>O  
**Molecular Weight** : 380.399  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

VU6046980 is a potent, selective and CNS-penetrant **mGlu7** positive allosteric modulator (PAM) with EC<sub>50</sub> of 1.6 μM (rat mGlu7).

VU6046980 is inactive (EC<sub>50</sub> > 30 μM, >10 μM at mGlu8) at the other mGlu receptors.

VU6027459 displays CNS penetration in both mice (K<sub>p</sub> = 2.74) and rats (K<sub>p</sub> = 4.78), and is orally bioavailable in rats (%F = 69.5).

## References

Reed CW, et al. *ACS Med Chem Lett.* 2020 Aug 20;11(9):1773-1779.

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

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