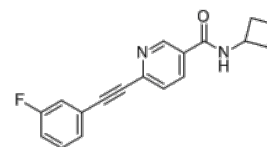


**Product Name** : VU0360172  
**Cat. No.** : PC-49074  
**CAS No.** : 1310012-12-4  
**Molecular Formula** : C<sub>18</sub>H<sub>15</sub>FN<sub>2</sub>O  
**Molecular Weight** : 294.329  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



## Biological Activity

VU0360172 is a selective **mGlu5 receptor** positive allosteric modulator (PAM) with EC<sub>50</sub> of 16 nM, K<sub>i</sub> of 195 nM. VU0360172 displays no significant activity at mGlu1, mGlu2 or mGlu4 receptors. VU0360172 exhibits antipsychotic-like activity in a rodent model, also reduces spontaneous spike and wave discharges without affecting motor behaviour in a rat model of absence epilepsy.

## References

Celli R, et al. Neuropharmacology. 2020 Nov 1;178:108240.

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

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