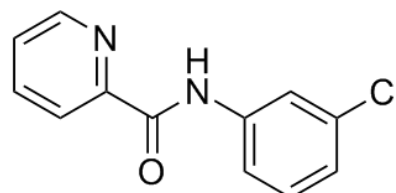


**Product Name** : VU0364770  
**Cat. No.** : PC-42205  
**CAS No.** : 61350-00-3  
**Molecular Formula** : C<sub>12</sub>H<sub>9</sub>ClN<sub>2</sub>O  
**Molecular Weight** : 232.6657  
**Target** : mGluR  
**Solubility** : 10 mM in DMSO



### Biological Activity

VU0364770 is a potent, selective, systemically active positive allosteric modulator of **mGlu4R** with EC<sub>50</sub> of 1.1 μM. VU0364770 does not significantly bind to a panel of 68 GPCRs, ion channels and transporters. VU0364770 produces efficacy alone and in combination with L-DOPA or an adenosine 2A antagonist in preclinical rodent models of Parkinson's disease.

### References

Jones CK, et al. *J Pharmacol Exp Ther*. 2012 Feb;340(2):404-21.  
Iderberg H, et al. *Neuropharmacology*. 2015 Aug;95:121-9.

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

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