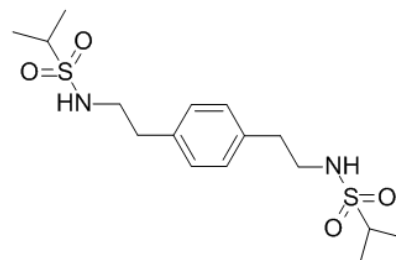


**Product Name** : CMPDA  
**Cat. No.** : PC-43077  
**CAS No.** : 380607-77-2  
**Molecular Formula** : C<sub>16</sub>H<sub>28</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
**Molecular Weight** : 376.5345  
**Target** : iGluR  
**Solubility** : 10 mM in DMSO



### Biological Activity

CMPDA is a potent positive allosteric modulator of **GluR2** receptors with EC<sub>50</sub> of 45.4 and 63.4 nM at GluR2i and GluR2o respectively, in a calcium influx screening assays.

CMPDA binds at the modulator binding pocket located at the interdimer interface and the clamshell hinges.

### References

Weeks AM, et al. Neuropharmacology. 2014 Oct;85:57-66.

Timm DE, et al. Mol Pharmacol. 2011 Aug;80(2):267-80.

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

E-mail: tech@probechem.com