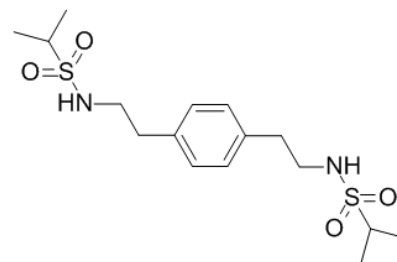


Product Name : CMPDA
Cat. No. : PC-43077
CAS No. : 380607-77-2
Molecular Formula : C₁₆H₂₈N₂O₄S₂
Molecular Weight : 376.5345
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

CMPDA is a potent positive allosteric modulator of GluR2 receptors with EC₅₀ of 45.4 and 63.4 nM at GluR2i and GluR2o respectively, in a calcium influx screening assays; 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!

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