

CMPDA

Catalog No: **tcsc3632**



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

380607-77-2

Formula:

$C_{16}H_{28}N_2O_4S_2$

Pathway:

Membrane Transporter/Ion Channel;Neuronal Signaling

Target:

iGluR;iGluR

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

376.53

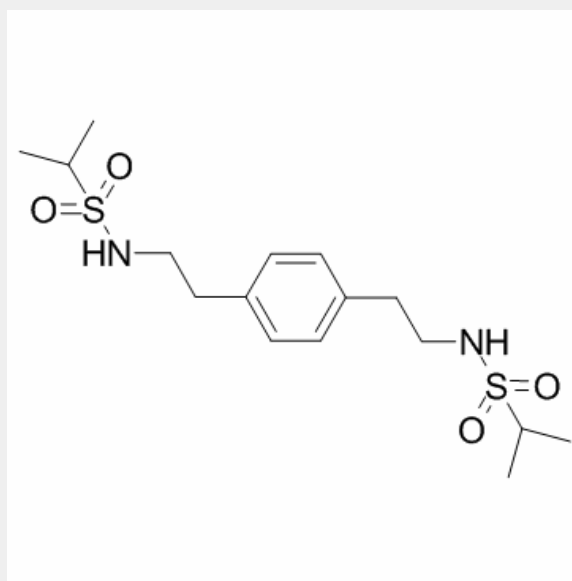
Product Description

CMPDA is a positive allosteric modulator of AMPA receptors with EC50s of 45.4 ± 4.2 nM/ 63.4 ± 5.6 nM for GluA2i/GluA2o receptor.

IC50 value: 45.4 ± 4.2 nM/ 63.4 ± 5.6 nM(GluA2i/GluA2o) [1]

Target: AMPAR modulator

CMPDA was nearly equipotent at modulating the two isoforms of GluA2 receptors, whereas CMPDB displayed a modest preference for the flip splice variant. Similar to CX614, CMPDA slowed the rate of deactivation of GluA2o receptors approximately 2-fold but had no effect on GluA2i receptor deactivation [1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!