

# LY450108

**Catalog No: tcsc1090**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

376594-67-1

**Formula:**

$C_{19}H_{22}F_2N_2O_3S$

**Pathway:**

Membrane Transporter/Ion Channel;Neuronal Signaling

**Target:**

iGluR;iGluR

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq$  50 mg/mL (126.12 mM); H<sub>2</sub>O :

**Observed Molecular Weight:**

396.45

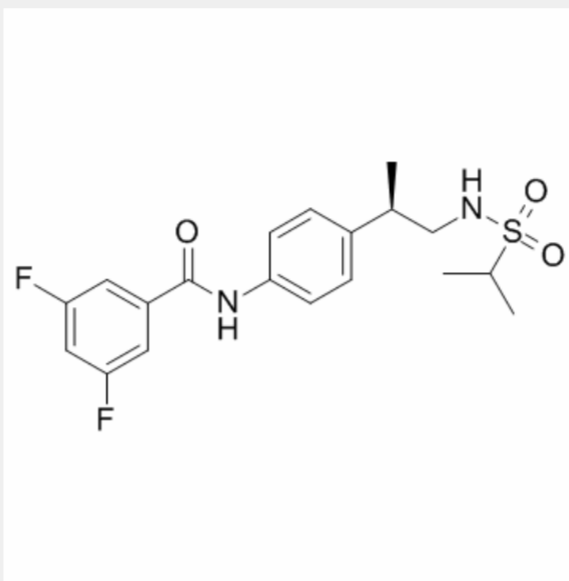
## Product Description

LY450108 is an alpha-amino-3-hydroxy-5-methyl-4-isoxazole-propionic acid (AMPA) receptor potentiator.

IC<sub>50</sub> value:

Target:

AMPA receptors mediate most of the excitatory neurotransmission and play a key role in synaptic plasticity in the mammalian central nervous system (CNS). Recent evidence has shown that in addition to modulating fast synaptic plasticity and memory processes, AMPA receptor potentiators alter downstream signalling pathways and may thereby have utility in other CNS disorders.



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