

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 : ≥ 50 mg/mL (126.12 mM); H₂O :

Observed Molecular Weight:

396.45

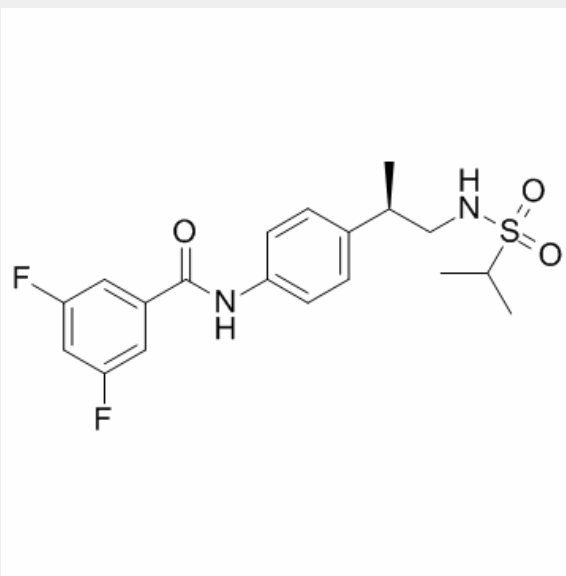
Product Description

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

IC₅₀ 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.



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