Product Name: LY450108
CAS No.: 376594-67-1
Cat. No.: HY-10935
MWt: 396.45
Formula: C19H22F2N2O3S
Purity: >98%
Solubility: DMSO

Mechanisms: Pathways: Membrane Transporter/Ion Channel; Target: AMPAR
Pathways: Neuronal Signaling; Target: AMPAR

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

References:

Caution: Not fully tested. For research purposes only