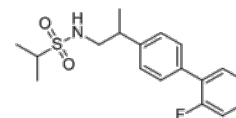


Product Name : LY 392098
Cat. No. : PC-63023
CAS No. : 211311-39-6
Molecular Formula : C₁₈H₂₂FNO₂S
Molecular Weight : 335.44
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

LY 392098 is a selective, potent and centrally active positive allosteric modulator of **AMPA**.

LY 392098 enhances glutamate (100 uM) stimulated ion influx through recombinant homomeric human AMPAR ion channels with EC₅₀ of 1.77 uM (GluR1(i)), 0.22 uM (GluR2(i)), 0.56 uM (GluR2(o)), 1.89 uM (GluR3(i)) and 0.20 uM (GluR4(i)). LY 392098 enhances a dose-dependent manner responses to AMPA, potentiates the synaptic excitation of dentate granule cells following perforant path stimulation in vivo.

References

- Miu P, et al. *Neuropharmacology*. 2001 Jun;40(8):976-83.
Gates M, et al. *Neuropharmacology*. 2001 Jun;40(8):984-91.
Vandergriff J, et al. *Neuropharmacology*. 2001 Jun;40(8):1003-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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