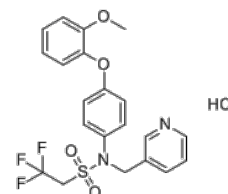


Product Name : LY-487379 hydrochloride
Cat. No. : PC-61612
CAS No. : 353229-59-1
Molecular Formula : C₂₁H₁₉F₃N₂O₄S.HCl
Molecular Weight : 488.91
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

LY-487379 hydrochloride is a potent, selective positive allosteric modulator of **mGluR2** (EC₅₀=0.27 uM) without activity at mGluR3.

LY-487379 shows no intrinsic agonist or antagonist activity at hmGluR2, markedly potentiates glutamate-stimulated [³⁵S]GTPγS binding at hmGluR2.

LY-487379 potentiates synaptically evoked mGluR2 responses in rat hippocampal slices, modulates excitatory synaptic transmission in the rat globus pallidus.

References

Johnson MP, et al. J Med Chem. 2003 Jul 17;46(15):3189-92.

Schaffhauser H, et al. Mol Pharmacol. 2003 Oct;64(4):798-810.

Poisik O, et al. Neuropharmacology. 2005;49 Suppl 1:57-69.

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

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