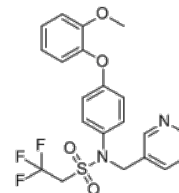


Product Name : LY-487379
Cat. No. : PC-61611
CAS No. : 353231-17-1
Molecular Formula : C₂₁H₁₉F₃N₂O₄S
Molecular Weight : 452.446
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

LY-487379 is a potent, selective positive allosteric modulator of **mGluR2** (EC₅₀=0.27 μM) 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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