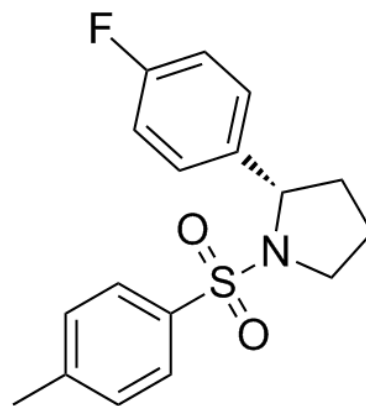


Product Name : Ro 67-7476
Cat. No. : PC-42135
CAS No. : 298690-60-5
Molecular Formula : C₁₇H₁₈FNO₂S
Molecular Weight : 319.3937
Target : mGluR
Solubility : DMSO: ≥ 40 mg/mL



Biological Activity

A potent, selective positive allosteric modulator (potentiator) of rat mGlu1R with pEC₅₀ of 6.76 for the potentiation of 3 μM glutamate-induced Ca²⁺ int currents; has no activity for mGluR5 at 1 μM and Adrenergic α₁, α₂, β₁, β₂ and GABAA at 10 μM; has no effect on the glutamate-induced currents in human mGlu1a receptor-expressing cells.

References

- Hemstapat K, et al. Mol Pharmacol. 2006 Aug;70(2):616-26.
Knoflach F, et al. Proc Natl Acad Sci U S A. 2001 Nov 6;98(23):13402-7.
Sheffler DJ, et al. Neuropharmacology. 2008 Sep;55(4):419-27.

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

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