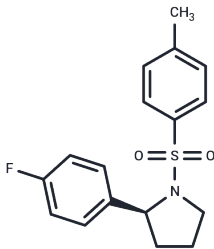


Ro 67-7476

Chemical Properties

CAS No. : 298690-60-5
Formula: C17H18FNO2S
Molecular Weight: 319.39
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Ro 67-7476 is a positive allosteric modulator of mGlu1 receptors. No activity at human mGlu1 receptors. Potentiates glutamate-induced calcium release with EC 50 of 60.1 nM.
Targets(IC50)	GluR

Solubility Information

Solubility	DMSO: 50 mg/mL (156.55 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.131 mL	15.6548 mL	31.3097 mL
5 mM	0.6262 mL	3.131 mL	6.2619 mL
10 mM	0.3131 mL	1.5655 mL	3.131 mL
50 mM	0.0626 mL	0.3131 mL	0.6262 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Hemstapat K et al. A novel class of positive allosteric modulators of metabotropic glutamate receptor subtype 1 interact with a site distinct from that of negative allosteric modulators. Mol Pharmacol. 2006 Aug, 70(2), 616-26
Wang J, Wang J, Lu C, et al.ISL1-overexpressing BMSCs attenuate renal ischemia-reperfusion injury by suppressing apoptosis and oxidative stress through the paracrine action.Cellular and Molecular Life Sciences.2024, 81(1): 312.
Knoflach F et al. Positive allosteric modulators of metabotropic glutamate 1 receptor: characterization, mechanism of action, and binding site. Proc

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481