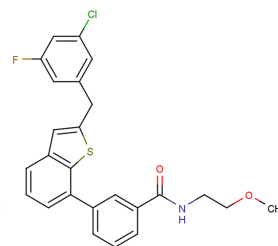


GPR52 agonist-1

Chemical Properties

CAS No. :	1207965-40-9
Formula:	C ₂₅ H ₂₁ ClFNO ₂ S
Molecular Weight:	453.96
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	GPR52 agonist-1 is a potent, orally active GPR52 agonist that crosses the blood-brain barrier (pEC ₅₀ :7.53) and has antipsychotic effects. GPR52 agonist-1 significantly inhibited methamphetamine-induced hyperactive behaviour in mice.
Targets(IC ₅₀)	Others,GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2028 mL	11.0142 mL	22.0284 mL
5 mM	0.4406 mL	2.2028 mL	4.4057 mL
10 mM	0.2203 mL	1.1014 mL	2.2028 mL
50 mM	0.0441 mL	0.2203 mL	0.4406 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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:34 Washington Street,Wellesley Hills,MA 02481