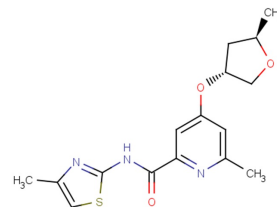


VU0652835

Chemical Properties

CAS No.: 1848252-81-2
Formula: C₁₆H₁₉N₃O₃S
Molecular Weight: 333.41
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	VU0652835 is a negative allosteric modulator of metabotropic glutamate receptor subtype 5 (mGlu5) (IC ₅₀ : 81 nM).
Targets(IC ₅₀)	mGlu5: 81 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.999 mL	14.997 mL	29.993 mL
5 mM	0.6 mL	2.999 mL	5.999 mL
10 mM	0.3 mL	1.5 mL	2.999 mL
50 mM	0.06 mL	0.3 mL	0.6 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Felts AS, et al. Discovery of 4-alkoxy-6-methylpicolinamide negative allosteric modulators of metabotropic glutamate receptor subtype 5. Bioorg Med Chem Lett. 2019 Jan 1;29(1):47-50.

Inhibitors · Natural Compounds · Compound Libraries

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