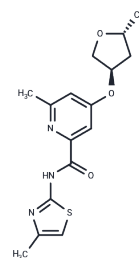


VU0652835

Chemical Properties

CAS No. : 1848252-81-2
 Formula: C₁₆H₁₉N₃O₃S
 Molecular Weight: 333.41
 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 | VU0652835 is a negative allosteric modulator of metabotropic glutamate receptor subtype 5 (mGlu5) (IC ₅₀ : 81 nM). |
| Targets(IC ₅₀) | GluR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9993 mL | 14.9966 mL | 29.9931 mL |
| 5 mM | 0.5999 mL | 2.9993 mL | 5.9986 mL |
| 10 mM | 0.2999 mL | 1.4997 mL | 2.9993 mL |
| 50 mM | 0.060 mL | 0.2999 mL | 0.5999 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.

Reference

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.

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