

VU0410425

## Chemical Properties

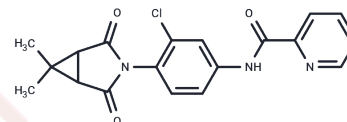
CAS No. : 1341167-72-3

Formula: C<sub>19</sub>H<sub>16</sub>ClN<sub>3</sub>O<sub>3</sub>

Molecular Weight: 369.8

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	VU0410425 is a metabotropic glutamate receptor subtype 1 negative allosteric modulator.
Targets(IC50)	Others, GluR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7042 mL	13.5208 mL	27.0416 mL
5 mM	0.5408 mL	2.7042 mL	5.4083 mL
10 mM	0.2704 mL	1.3521 mL	2.7042 mL
50 mM	0.0541 mL	0.2704 mL	0.5408 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

Cho HP, Engers DW, Venable DF, Niswender CM, Lindsley CW, Conn PJ, Emmitte KA, Rodriguez AL. A novel class of succinimide-derived negative allosteric modulators of metabotropic glutamate receptor subtype 1 provides insight into a disconnect in activity between the rat and human receptors. ACS Chem Neurosci. 2014 Jul 16;5(7):597-610. doi: 10.1021/cn5000343. Epub 2014 May 15. PubMed PMID: 24798819; PubMed Central PMCID: PMC4102972.

**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