

VU0029251

## Chemical Properties

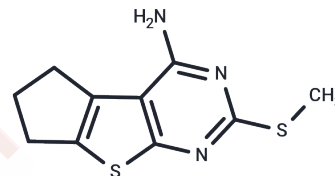
CAS No. : 330819-85-7

Formula: C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>S<sub>2</sub>

Molecular Weight: 237.34

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	VU0029251 serves as a partial antagonist of mGluR5, exhibiting a binding affinity with a K <sub>i</sub> of 1.07 μM. It also attenuates glutamate-induced calcium mobilization in HEK293 cell membranes that express rat mGluR5, demonstrating an IC <sub>50</sub> of 1.7 μM [1].
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2134 mL	21.0668 mL	42.1336 mL
5 mM	0.8427 mL	4.2134 mL	8.4267 mL
10 mM	0.4213 mL	2.1067 mL	4.2134 mL
50 mM	0.0843 mL	0.4213 mL	0.8427 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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