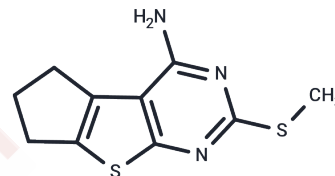


VU0029251

Chemical Properties

CAS No. : 330819-85-7
 Formula: C₁₀H₁₁N₃S₂
 Molecular Weight: 237.34
 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	VU0029251 serves as a partial antagonist of mGluR5, exhibiting a binding affinity with a K_i of 1.07 μ M. It also attenuates glutamate-induced calcium mobilization in HEK293 cell membranes that express rat mGluR5, demonstrating an IC ₅₀ of 1.7 μ M [1].
Targets(IC50)	Others,GluR

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.

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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481