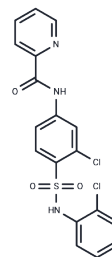


VU 0364439

Chemical Properties

CAS No. : 1246086-78-1
 Formula: C₁₈H₁₃Cl₂N₃O₃S
 Molecular Weight: 422.29
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	VU 0364439 is an mGlu4 positive allosteric modulator (C ₅₀ : 19.8 nM).
Targets(IC ₅₀)	GluR
In vivo	VU 0364439 possess less than ideal PK properties preventing their use as in vivo tools. It shows better stability in HLM (63% remaining) than RLM (2% remaining). [1]

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 79 mg/mL (187.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.368 mL	11.8402 mL	23.6804 mL
5 mM	0.4736 mL	2.368 mL	4.7361 mL
10 mM	0.2368 mL	1.184 mL	2.368 mL
50 mM	0.0474 mL	0.2368 mL	0.4736 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.

Reference

Engers DW, et al. Bioorg Med Chem Lett, 2010, 20(17), 5175-5178.

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