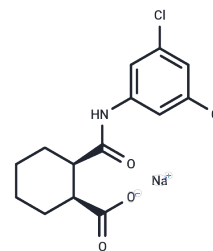


## VU0155041 sodium

## Chemical Properties

CAS No. :	1259372-69-4
Formula:	C <sub>14</sub> H <sub>14</sub> Cl <sub>2</sub> NNaO <sub>3</sub>
Molecular Weight:	338.16
Storage:	Store at low temperature Powder: -20°C for 3 years <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	VU0155041 sodium is a positive allosteric modulator of mGluR4, promoting extinction in male rats and inhibiting the recovery of morphine-induced conditioned place preference. It alleviates hyperalgesia in nerve injury pain models, useful in neurodegenerative disease research.
Targets(IC50)	GluR
In vitro	VU0155041 sodium (10 μM) did not affect NMDA receptor currents in medium spiny neurons in the striatum, indicating that it does not antagonize NMDA receptor activity.[1]

## Solubility Information

Solubility	H <sub>2</sub> O: 8 mg/mL (23.66 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	2.9572 mL	14.7859 mL	29.5718 mL
5 mM	0.5914 mL	2.9572 mL	5.9144 mL
10 mM	0.2957 mL	1.4786 mL	2.9572 mL
50 mM	0.0591 mL	0.2957 mL	0.5914 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

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