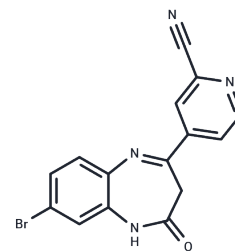


MNI 137

## Chemical Properties

CAS No. : 946619-21-2  
 Formula: C<sub>15</sub>H<sub>9</sub>BrN<sub>4</sub>O  
 Molecular Weight: 341.16  
 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	MNI 137 is a negative allosteric modulator of mGlu2. MNI 137 inhibits glutamate-induced calcium mobilization with IC <sub>50</sub> s of 8.3 and 12.6 nM for human and rat.
Targets(IC <sub>50</sub> )	GluR

## Solubility Information

Solubility	DMSO: 17.06 mg/mL (50.01 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	2.9312 mL	14.6559 mL	29.3118 mL
5 mM	0.5862 mL	2.9312 mL	5.8624 mL
10 mM	0.2931 mL	1.4656 mL	2.9312 mL
50 mM	0.0586 mL	0.2931 mL	0.5862 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

Hemstapat K, et al. A novel family of potent negative allosteric modulators of group II metabotropic glutamate receptors. J Pharmacol Exp Ther. 2007;322(1):254-264.

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