

CX1739

Chemical Properties

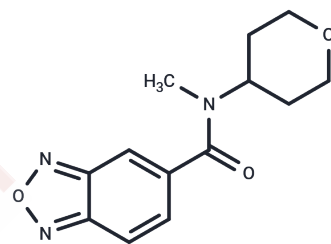
CAS No. : 1086377-48-1

Formula: C₁₃H₁₅N₃O₃

Molecular Weight: 261.28

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	CX1739 is a weak modulator of the AMPA-glutamate receptor (AMPA). In mouse models, CX1739 enhances long-term potentiation in a dose-dependent manner. It also counteracts amphetamine-induced locomotor activity and rapidly reverses opioid-induced respiratory depression. CX1739 is applicable for research into dementia, neuropsychiatric disorders, and severe complications arising from opioid-induced suppression of endogenous inspiratory respiratory rhythms.
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8273 mL	19.1366 mL	38.2731 mL
5 mM	0.7655 mL	3.8273 mL	7.6546 mL
10 mM	0.3827 mL	1.9137 mL	3.8273 mL
50 mM	0.0765 mL	0.3827 mL	0.7655 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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