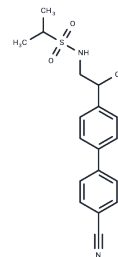


LY-404187

Chemical Properties

CAS No. : 211311-95-4
 Formula: C₁₉H₂₂N₂O₂S
 Molecular Weight: 342.46
 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	LY404187 is a positive allosteric modulator of AMPA receptors
Targets(IC50)	GluR,iGluR

Solubility Information

Solubility	DMSO: 10 mg/mL (29.2 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	2.920 mL	14.6002 mL	29.2005 mL
5 mM	0.584 mL	2.920 mL	5.8401 mL
10 mM	0.292 mL	1.460 mL	2.920 mL
50 mM	0.0584 mL	0.292 mL	0.584 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

Quirk J C , Nisenbaum E S . LY404187: A novel positive allosteric modulator of AMPA receptors[]]. Cns Drug Reviews, 2002, 8(3):255-282.

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