

LBG20304

Chemical Properties

CAS No. :

Formula: C19H18N4O5

Molecular Weight: 382.37

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	LBG20304 (compound 2s) serves as a ligand for the homologous GluK5 receptor, demonstrating an IC ₅₀ of 432 nM and exhibiting over 40-fold selectivity against the GluK1-3 isoforms. At concentrations below 10 μM, LBG20304 shows neither agonistic nor antagonistic effects on heterologous GluK2/5 receptors. However, at concentrations above 10 μM, it displays minimal agonist activity in neuronal slices (rat).
Targets(IC ₅₀)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6153 mL	13.0763 mL	26.1527 mL
5 mM	0.5231 mL	2.6153 mL	5.2305 mL
10 mM	0.2615 mL	1.3076 mL	2.6153 mL
50 mM	0.0523 mL	0.2615 mL	0.5231 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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