

GABA-A Receptor Ligand-1

Chemical Properties

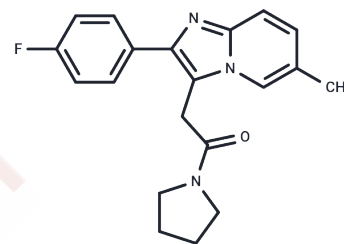
CAS No. :

Formula: C₂₀H₂₀FN₃O

Molecular Weight: 337.391

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	GABA-A Receptor Ligand-1 (Compound 4) is a ligand for the GABA-A receptor with a pKi of 7.27. It alleviates mitochondrial dysfunction, promotes neurite outgrowth and neuronal regeneration, and demonstrates neuroprotective effects in a rat ischemic stroke model.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9639 mL	14.8196 mL	29.6393 mL
5 mM	0.5928 mL	2.9639 mL	5.9279 mL
10 mM	0.2964 mL	1.482 mL	2.9639 mL
50 mM	0.0593 mL	0.2964 mL	0.5928 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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