

GABA-IN-4

Chemical Properties

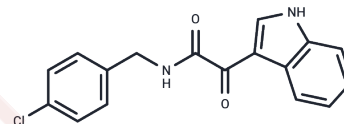
CAS No. : 61-38-1

Formula: C₁₇H₁₃ClN₂O₂

Molecular Weight: 312.75

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-IN-4 (Compound 17) is a derivative of N-(indol-3-ylglyoxylyl)benzylamine. It exhibits high affinity for the benzodiazepine receptor (BzR), the binding site within the GABAA receptor complex, with a K_i value of 67 nM. Benzodiazepines are widely used as anxiolytic, sedative-hypnotic, and anticonvulsant agents.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1974 mL	15.9872 mL	31.9744 mL
5 mM	0.6395 mL	3.1974 mL	6.3949 mL
10 mM	0.3197 mL	1.5987 mL	3.1974 mL
50 mM	0.0639 mL	0.3197 mL	0.6395 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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