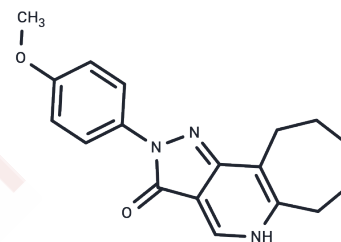


CGS 20625

Chemical Properties

CAS No. : 111205-55-1
 Formula: C₁₈H₁₉N₃O₂
 Molecular Weight: 309.36
 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	CGS 20625 is an orally active, specific, and potent partial agonist at the central benzodiazepine receptor with anxiolytic and anticonvulsant activity. CGS 20625 inhibits the binding of [3H]-flunitrazepam to the central benzodiazepine receptor and can be used in studies of neurological disorders such as anxiety and epilepsy.
Targets(IC50)	Others, GABA Receptor

Solubility Information

Solubility	Ethanol: <7.73 mg/mL, Sonication is recommended. DMSO: <30.94 mg/mL, 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	3.2325 mL	16.1624 mL	32.3248 mL
5 mM	0.6465 mL	3.2325 mL	6.465 mL
10 mM	0.3232 mL	1.6162 mL	3.2325 mL
50 mM	0.0646 mL	0.3232 mL	0.6465 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

Williams M, et al. CGS 20625, a novel pyrazolopyridine anxiolytic. J Pharmacol Exp Ther. 1989 Jan;248(1):89-96.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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