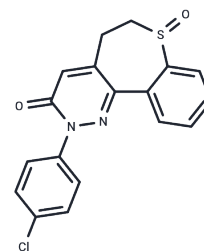


Y 23684

Chemical Properties

CAS No. : 118288-67-8
 Formula: C₁₈H₁₃ClN₂O₂S
 Molecular Weight: 356.83
 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	Y-23684 is an anxiolytic drug with a novel chemical structure. It has similar effects to benzodiazepine drugs and is classed as a nonbenzodiazepine anxiolytic.
Targets(IC50)	Others,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8025 mL	14.0123 mL	28.0245 mL
5 mM	0.5605 mL	2.8025 mL	5.6049 mL
10 mM	0.2802 mL	1.4012 mL	2.8025 mL
50 mM	0.056 mL	0.2802 mL	0.5605 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

- Griebel G, Perrault G, Tan S, Schoemaker H, Sanger DJ. Comparison of the pharmacological properties of classical and novel BZ-omega receptor ligands. *Behav Pharmacol.* 1999 Sep;10(5):483-95. PubMed PMID: 10780255.
 Y 23684. *Drugs R D.* 1999 Jul;2(1):68-9. PubMed PMID: 10610289.
 Griebel G, Perrault G, Sanger DJ. Differences in anxiolytic-like profile of two novel nonbenzodiazepine BZ (omega) receptor agonists on defensive behaviors of mice. *Pharmacol Biochem Behav.* 1999 Apr;62(4):689-94. PubMed PMID: 10208374.
 Yasumatsu H, Morimoto Y, Yamamoto Y, Takehara S, Fukuda T, Nakao T, Setoguchi M. The pharmacological properties of Y-23684, a benzodiazepine receptor partial agonist. *Br J Pharmacol.* 1994 Apr;111(4):1170-8. PubMed PMID: 7913372; PubMed Central PMCID: PMC1910153.

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