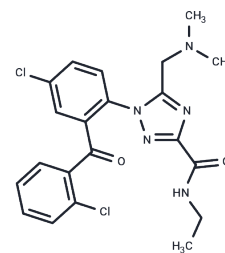


CGP11952

## Chemical Properties

CAS No. : 64078-09-7  
 Formula: C<sub>21</sub>H<sub>21</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 446.33  
 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	CGP11952 is same the benzodiazepines in its pharmacological action and it also is an experimental benzodiazepine derivative.
Targets(IC50)	Others,GABA Receptor
In vitro	CGP11952 turns out to have a positive effect on information processing speed, perceptual sensitivity, and preciseness of responses. The less negative effect on memory consolidation under influence of CGP11952 in comparison with other benzodiazepines [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2405 mL	11.2025 mL	22.4049 mL
5 mM	0.4481 mL	2.2405 mL	4.481 mL
10 mM	0.224 mL	1.1202 mL	2.2405 mL
50 mM	0.0448 mL	0.224 mL	0.4481 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

Van Wieringen A, et al. Electroencephalographic findings in antiepileptic drug trials: a review and report of 6 studies. *Epilepsy Res.* 1987 Jan;1(1):3-15.

Alpherts WC, et al. CGP 11.952: an experimental benzodiazepine derivative. Effects on cognitive functioning in patients with epilepsy. *Prog Neuropsychopharmacol Biol Psychiatry.* 1987;11(6):673-82.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481