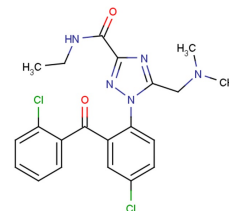


## Data Sheet (Cat.No.T14940)

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
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	CGP11952 is same the benzodiazepines in its pharmacological action and it also is an experimental benzodiazepine derivative.
Targets(IC <sub>50</sub> )	Benzodiazepine: None
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].

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.24 mL	11.202 mL	22.405 mL
5 mM	0.448 mL	2.24 mL	4.481 mL
10 mM	0.224 mL	1.12 mL	2.24 mL
50 mM	0.045 mL	0.224 mL	0.448 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. 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.
2. 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.

Inhibitors · Natural Compounds · Compound Libraries

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