
Product Data Sheet

Product Name: CGP11952

Cat. No.: GC33751

Chemical Properties

Cas. No. 64078-09-7

SMILES O=C(C1=NN(C2=CC=C(Cl)C=C2C(C3=CC=CC=C3Cl)=O)C(CN(C)C)=N1)NCCFormula $C_{21}H_{21}Cl_2N_5O_2$ M.Wt 446.33

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

CGP11952 is a triazolyl-Benzaphenon resembling the benzodiazepines in its pharmacological action. CGP11952 is an experimental benzodiazepine derivative.

CGP11952 (CGP 11952) is a triazolyl-Benzaphenon resembling the benzodiazepines in its pharmacological action[1]. The effects of CGP11952 (CGP 11.952), a triazolyl Benzophenone, on cognitive functioning are assessed by means of a computerized neuropsychological battery. In the first study CGP11952 turns out to have a positive effect on information processing speed, perceptual sensitivity and preciseness of responses. Negative effects are found on reaction time. In the second study this latter effect is less clear. A striking result is the less negative effect on memory consolidation under influence of CGP11952 in comparison with other benzodiazepines[2].

[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.

Caution: Product has not been fully validated for medical applications. For research use only.

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