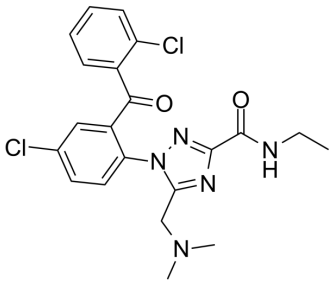
CGP11952

Cat. No.:	HY-U00192
CAS No.:	64078-09-7
Molecular Formula:	$C_{21}H_{21}Cl_2N_5O_2$
Molecular Weight:	446.33
Target:	GABA Receptor
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CGP11952 is a triazolyl-Benzaphenon resembling the benzodiazepines in its pharmacological action. CGP11952 is an experimental benzodiazepine derivative.
IC_{50} & Target	Benzodiazepine[2]
In Vitro	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]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[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.

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