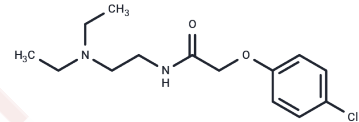


Clofexamide

Chemical Properties

CAS No. :	1223-36-5
Formula:	C ₁₄ H ₂₁ ClN ₂ O ₂
Molecular Weight:	284.78
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Clofexamide (ANP 246) has antidepressant and anti-inflammatory activities, which can be used in research on arthritis and neurological diseases.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5115 mL	17.5574 mL	35.1148 mL
5 mM	0.7023 mL	3.5115 mL	7.023 mL
10 mM	0.3511 mL	1.7557 mL	3.5115 mL
50 mM	0.0702 mL	0.3511 mL	0.7023 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

- Kigasawa K, et al. Determination of clofexamide and its metabolites in plasma by gas chromatography. *Yakugaku Zasshi*. 1982 Apr;102(4):343-6. Japanese.
- Irino O, et al. Studies on absorption, biotransformation and excretion of drug. 1. Metabolites of clofexamide in rat. *Chem Pharm Bull (Tokyo)*. 1972 Jan;20(1):47-55.
- Kirkpatrick D, et al. Identification of an N-Oxide as the Major Metabolite of the Analgesic O-(Diethylaminoethyl)-4-Chlorobenz-aldoxime Hydrochloride in Dogs. *Xenobiotica* 7.12 (1977): 747-755.
- Kruszewska A, et al. Wstępne badania farmakologiczne sześciu nowych pochodnych kwasu p-chlorofenoksyoctowego [Preliminary pharmacological investigations of six new p-chlorophenoxyacetic acid derivatives (author's transl)]. *Ann Univ Mariae Curie Skłodowska Med*. 1979;34:259-68. Polish.

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