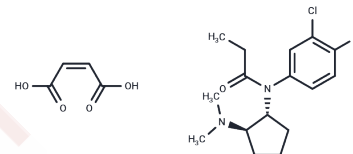


Eclanamine maleate

Chemical Properties

CAS No. :	67450-45-7
Formula:	C ₂₀ H ₂₆ Cl ₂ N ₂ O ₅
Molecular Weight:	445.34
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	Eclanamine was discovered to be slightly mutagenic in the AS52 assay, and a potential agent which was subjected to a battery of short-term assays for genetic activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2455 mL	11.2274 mL	22.4548 mL
5 mM	0.4491 mL	2.2455 mL	4.491 mL
10 mM	0.2245 mL	1.1227 mL	2.2455 mL
50 mM	0.0449 mL	0.2245 mL	0.4491 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

- Aaron CS, Harbach PR, Mattano SS, Mayo JK, Wang Y, Yu RL, Zimmer DM. Risk and benefit evaluation in development of pharmaceutical products. *Environ Health Perspect.* 1993 Oct;101 Suppl 3:291-5. Review. PubMed PMID: 8143634; PubMed Central PMCID: PMC1521120.
- Aaron CS, Stankowski LF Jr, Harbach PR, Valencia R, Mayo JK, Mirsalis J, Mazurek JH, Steinmetz KL, Wiser SK, Zimmer DM, et al. Comparative mutagenicity testing of a drug candidate, U-48753E: mechanism of induction of gene mutations in mammalian cells and quantitation of potential hazard. *Mutat Res.* 1989 Jun;223(2):111-20. PubMed PMID: 2500592.
- Sethy VH, Day JS, Cooper MM. Dose-dependent down-regulation of beta-adrenergic receptors after chronic intravenous infusion of antidepressants. *Prog Neuropsychopharmacol Biol Psychiatry.* 1988;12(5):673-82. PubMed PMID: 2851860.

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