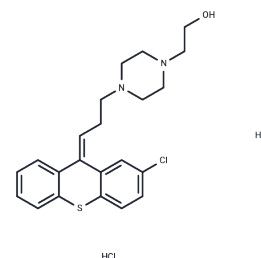


## Zuclophenthixol dihydrochloride

### Chemical Properties

CAS No. : 58045-23-1  
 Formula: C<sub>22</sub>H<sub>27</sub>Cl<sub>3</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 473.89  
 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   | Zuclophenthixol dihydrochloride is an D1 and D2 dopamine receptors antagonist. |
| Targets(IC50) | Others,Dopamine Receptor                                                       |

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.1102 mL | 10.551 mL | 21.1019 mL |
| 5 mM  | 0.422 mL  | 2.1102 mL | 4.2204 mL  |
| 10 mM | 0.211 mL  | 1.0551 mL | 2.1102 mL  |
| 50 mM | 0.0422 mL | 0.211 mL  | 0.422 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

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- Lacey M, Jayaram MB. Zuclophenthixol versus placebo for schizophrenia. *Cochrane Database Syst Rev.* 2015 Dec 1; (12):CD010598. doi: 10.1002/14651858.CD010598.pub2. Review. PubMed PMID: 26624987.
- Wenger S, Hoby S, Wyss F, Adami C, Wenker C. Anaesthesia with medetomidine, midazolam and ketamine in six gorillas after premedication with oral zuclophenthixol dihydrochloride. *Vet Anaesth Analg.* 2013 Mar;40(2):176-80. doi: 10.1111/j.1467-2995.2012.00761.x. Epub 2012 Aug 8. PubMed PMID: 22882576.
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