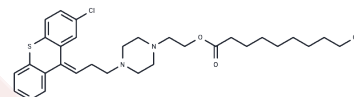


## Zuclopenthixol decanoate

## Chemical Properties

CAS No. : 64053-00-5  
 Formula: C<sub>32</sub>H<sub>43</sub>ClN<sub>2</sub>O<sub>2</sub>S  
 Molecular Weight: 555.21  
 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	Zuclopenthixol decanoate is an anti-schizophrenia drug.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8011 mL	9.0056 mL	18.0112 mL
5 mM	0.3602 mL	1.8011 mL	3.6022 mL
10 mM	0.1801 mL	0.9006 mL	1.8011 mL
50 mM	0.036 mL	0.1801 mL	0.3602 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

- Cordiner M, Shajahan P, McAvoy S, Bashir M, Taylor M. Effectiveness of long-acting antipsychotics in clinical practice : 1. A retrospective, 18-month follow up and comparison between paliperidone palmitate, risperidone long-acting injection and zuclopenthixol decanoate. *Ther Adv Psychopharmacol.* 2016 Feb;6(1):22-32. doi: 10.1177/2045125315623168. PubMed PMID: 26913175; PubMed Central PMCID: PMC4749742.
- Cordiner M, Shajahan P, McAvoy S, Bashir M, Taylor M. Effectiveness of long-acting antipsychotics in clinical practice: 2. Effects of antipsychotic polypharmacy on risperidone long-acting injection and zuclopenthixol decanoate. *Ther Adv Psychopharmacol.* 2016 Apr;6(2):66-76. doi: 10.1177/2045125315623584. Epub 2016 Jan 6. PubMed PMID: 27141289; PubMed Central PMCID: PMC4837966.
- Lacey M, Jayaram MB. Zuclopenthixol versus placebo for schizophrenia. *Cochrane Database Syst Rev.* 2015 Dec 1; (12):CD010598. doi: 10.1002/14651858.CD010598.pub2. Review. PubMed PMID: 26624987.
- Janjić V, Milovanović DR, Zecević DR, Loncar D, Laban O, Stepanović M, Varjaric M, Obradović S, Dejanović SD, Janković S. Zuclopenthixol decanoate in pregnancy: successful outcomes in two consecutive offsprings of the same mother. *Vojnosanit Pregl.* 2013 May;70(5):526-9. PubMed PMID: 23789295.

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