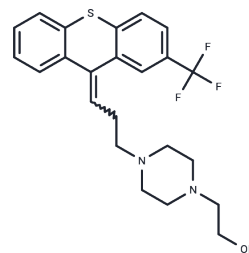


Flupenthixol

Chemical Properties

CAS No. :	2709-56-0
Formula:	C ₂₃ H ₂₅ F ₃ N ₂ O ₂ S
Molecular Weight:	434.52
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	Flupenthixol is a typical antipsychotic drug of the thioxanthene class. Flupenthixol is also used in low doses as an antidepressant.
Targets(IC50)	Apoptosis,Others,Dopamine Receptor,PI3K

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3014 mL	11.507 mL	23.0139 mL
5 mM	0.4603 mL	2.3014 mL	4.6028 mL
10 mM	0.2301 mL	1.1507 mL	2.3014 mL
50 mM	0.046 mL	0.2301 mL	0.4603 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

- Tardy M, Dold M, Engel RR, Leucht S. Flupenthixol versus low-potency first-generation antipsychotic drugs for schizophrenia. *Cochrane Database Syst Rev.* 2014 Sep 1;9:CD009227. doi: 10.1002/14651858.CD009227.pub2. Review. PubMed PMID: 25177834.
- Mahapatra J, Quraishi SN, David A, Sampson S, Adams CE. Flupenthixol decanoate (depot) for schizophrenia or other similar psychotic disorders. *Cochrane Database Syst Rev.* 2014 Jun 10;6:CD001470. doi: 10.1002/14651858.CD001470.pub2. Review. PubMed PMID: 24915451.
- Shen X, Xia J, Adams CE. Flupenthixol versus placebo for schizophrenia. *Cochrane Database Syst Rev.* 2012 Nov 14; 11:CD009777. doi: 10.1002/14651858.CD009777.pub2. Review. PubMed PMID: 23152280.
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