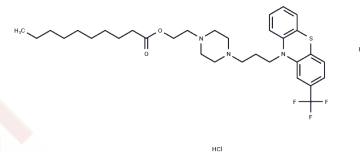


Fluphenazine Decanoate Dihydrochloride

Chemical Properties

CAS No. :	2376-65-0
Formula:	C32H46Cl2F3N3O2S
Molecular Weight:	664.69
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	Fluphenazine Decanoate Dihydrochloride is an antipsychotic agent, it could block postsynaptic dopamine D2 receptors in the limbic, cortical system and basal ganglia.
Targets(IC50)	Others,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5045 mL	7.5223 mL	15.0446 mL
5 mM	0.3009 mL	1.5045 mL	3.0089 mL
10 mM	0.1504 mL	0.7522 mL	1.5045 mL
50 mM	0.0301 mL	0.1504 mL	0.3009 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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- Dudley J, Rauw G, Hawes EM, Keegan DL, Midha KK. Correlation of fluphenazine plasma levels versus clinical response in patients: a pilot study. *Prog Neuropsychopharmacol Biol Psychiatry.* 1983;7(4-6):791-5. PubMed PMID: 6686710.
- Hinterhuber H, Platz T, Schwarz S. [The plasma prolactin level under fluphenazine treatment (author's transl)]. *Wien Med Wochenschr.* 1980 Sep 15;130(17):566-70. German. PubMed PMID: 7456470.
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