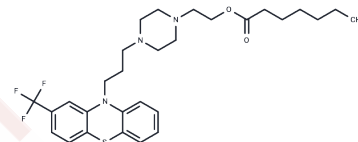


Fluphenazine enanthate

Chemical Properties

CAS No. :	2746-81-8
Formula:	C ₂₉ H ₃₈ F ₃ N ₃ O ₂ S
Molecular Weight:	549.69
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 enanthate is a novel long-acting injectable (LAI) antipsychotic compound specifically designed for the treatment of schizophrenia.
Targets(IC50)	Others
In vivo	Fluphenazine enanthate (8 mg/kg) drinking behavior is almost completely suppressed for 24 hours immediately following the administration. Fluphenazine enanthate (8 mg/kg) produces transient body weight losses in the rats. Fluphenazine enanthate (2,4, 8 mg/kg; IM) significant inhibition of the avoidance performance is observed as long as 16, 23, and 28 days, respectively.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8192 mL	9.096 mL	18.1921 mL
5 mM	0.3638 mL	1.8192 mL	3.6384 mL
10 mM	0.1819 mL	0.9096 mL	1.8192 mL
50 mM	0.0364 mL	0.1819 mL	0.3638 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

- Kuribara H, et al. Effects of fluphenazine enanthate and fluphenazine decanoate on discriminated avoidanceresponse and water drinking behavior in rats. *Psychopharmacology (Berl)*. 1979 Sep;65(1):1-6.
- Brissos S, et al. The role of long-acting injectable antipsychotics in schizophrenia: a critical appraisal. *Ther Adv Psychopharmacol*. 2014 Oct;4(5):198-219.

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