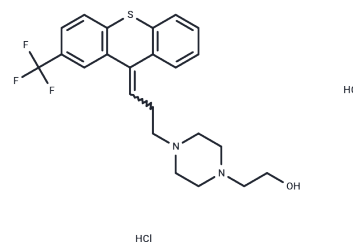


Flupentixol dihydrochloride

Chemical Properties

CAS No. : 2413-38-9
Formula: C₂₃H₂₇Cl₂F₃N₂O₂
Molecular Weight: 507.43
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Flupentixol dihydrochloride is used in therapy of schizophrenia as well as in anxiolytic and depressive disorders.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (88.68 mM), H ₂ O: 95 mg/mL, Ethanol: 25 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9707 mL	9.8536 mL	19.7072 mL
5 mM	0.3941 mL	1.9707 mL	3.9414 mL
10 mM	0.1971 mL	0.9854 mL	1.9707 mL
50 mM	0.0394 mL	0.1971 mL	0.3941 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.

Reference

Yonar D, et al. Effect of cis-(Z)-flupentixol on DPPC membranes in the presence and absence of cholesterol. Chem Phys Lipids. 2016 Jun;198:61-71.

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