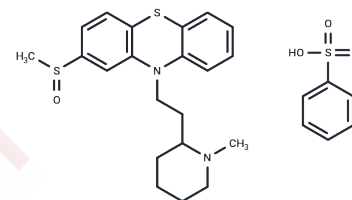


Mesoridazine Besylate

Chemical Properties

CAS No. :	32672-69-8
Formula:	C ₂₇ H ₃₂ N ₂ O ₄ S ₃
Molecular Weight:	544.75
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	Mesoridazine Besylate (Serentil) is a piperidine neuroleptic drug belonging to the class of drugs called phenothiazines, used in the treatment of schizophrenia. It is a metabolite of thioridazine.
Targets(IC50)	5-HT Receptor, Dopamine Receptor, Potassium Channel

Solubility Information

Solubility	DMSO: 55 mg/mL (100.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8357 mL	9.1785 mL	18.357 mL
5 mM	0.3671 mL	1.8357 mL	3.6714 mL
10 mM	0.1836 mL	0.9179 mL	1.8357 mL
50 mM	0.0367 mL	0.1836 mL	0.3671 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

Im SH, et al. J Chromatogr B Analyt Technol Biomed Life Sci. 2014 May 1;958:117-23.

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