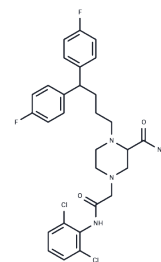


## Mioflazine

## Chemical Properties

CAS No. :	79467-23-5
Formula:	C <sub>29</sub> H <sub>30</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	575.48
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	Mioflazine suppresses nucleoside uptake. Mioflazine is an orally active nucleoside transport inhibitor. It has the potential for sleep disorders treatment.
Targets(IC50)	Others, Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7377 mL	8.6884 mL	17.3768 mL
5 mM	0.3475 mL	1.7377 mL	3.4754 mL
10 mM	0.1738 mL	0.8688 mL	1.7377 mL
50 mM	0.0348 mL	0.1738 mL	0.3475 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

Wauquier A, et al. Sleep improvement in dogs after oral administration of mioflazine, a nucleoside transport inhibitor. *Psychopharmacology (Berl)*. 1987;91(4):434-9.

Pirovano IM, et al. Inhibition of nucleoside uptake in human erythrocytes by a new series of compounds related to lidoflazine and mioflazine. *Eur J Pharmacol*. 1990 Dec 15;189(6):419-22.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481