
Product Data Sheet

Product Name: Mioflazine
Cat. No.: GC36614

Chemical Properties

Cas. No. 79467-23-5

SMILES O=C(NC1=C(Cl)C=CC=C1Cl)CN2CC(C(N)=O)N(CCCC(C3=CC=C(F)C=C3)C4=CC=C(F)C=C4)CC2

Formula $C_{29}H_{30}Cl_2F_2N_4O_2$ M.Wt 575.48

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic tips bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice Condition upon request.

Structure

Background

Mioflazine is an orally active nucleoside transport inhibitor, can be used to treat sleep disorders. Mioflazine inhibits nucleoside uptake[1][2].

[1]. Wauquier A, et al. Sleep improvement in dogs after oral administration of mioflazine, a nucleoside transport inhibitor. *Psychopharmacology (Berl)*. 1987;91(4):434-9. [2]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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