

Nordoxepin hydrochloride

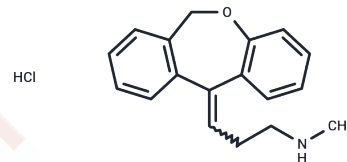
Chemical Properties

CAS No. : 2887-91-4

Formula: C₁₈H₂₀ClNO

Molecular Weight: 301.81

Storage: Keep away from direct sunlight, Keep away from moisture, Store at low temperature
 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	Nordoxepin hydrochloride (Desmethyldoxepin hydrochloride) has antidepressant activity and is useful in the study of depression and peptic ulcers.
Targets(IC50)	Drug Metabolite

Solubility Information

Solubility	DMF: 20 mg/mL (66.27 mM), Sonication is recommended. DMSO: 80 mg/mL (265.07 mM), Sonication is recommended. Ethanol: 20 mg/mL (66.27 mM), Sonication is recommended. PBS (pH 7.2): < 1 mg/mL (insoluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3133 mL	16.5667 mL	33.1334 mL
5 mM	0.6627 mL	3.3133 mL	6.6267 mL
10 mM	0.3313 mL	1.6567 mL	3.3133 mL
50 mM	0.0663 mL	0.3313 mL	0.6627 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

Zheng B, et al. A novel solid phase extraction sample preparation method for sensitively determining doxepin and N-nordoxepin in human plasma and its application in a bioequivalence study in healthy Chinese volunteers. Anal Methods. 2022 Jun 9;14(22):2168-2178.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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