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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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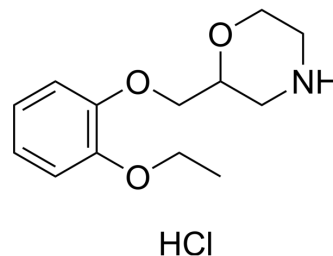
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Viloxazine hydrochloride

Cat. No.:	HY-125784
CAS No.:	35604-67-2
Molecular Formula:	C ₁₃ H ₂₀ ClNO ₃
Molecular Weight:	273.76
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 33.33 mg/mL (121.75 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.6528 mL	18.2642 mL	36.5283 mL
	5 mM		0.7306 mL	3.6528 mL	7.3057 mL
	10 mM		0.3653 mL	1.8264 mL	3.6528 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Viloxazine hydrochloride is the inactive isomer of Viloxazine (HY-W380450), and can be used as an experimental control. Viloxazine (Viloxazin) is a norepinephrine reuptake inhibitor, also a potent 5-HT_{2C} agonist and 5-HT_{2B} antagonist with an EC₅₀ of 32 μM and an IC₅₀ of 27 μM for 5-HT_{2C} and 5-HT_{2B}, respectively. The mechanism of action of Viloxazine predominantly involves serotonergic and noradrenergic pathways. Viloxazine can be used for researching depression^{[1][2]}.

REFERENCES

- [1]. Yu C, et al. New Insights into the Mechanism of Action of Viloxazine: Serotonin and Norepinephrine Modulating Properties. J Exp Pharmacol. 2020 Aug 25;12:285-300.
- [2]. Pinder RM, et al. Viloxazine: a review of its pharmacological properties and therapeutic efficacy in depressive illness. Drugs. 1977 Jun;13(6):401-21.

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

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