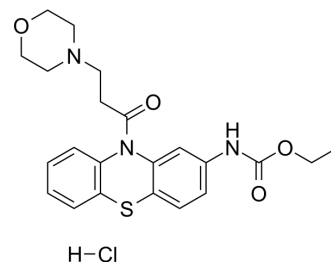


Moricizine Hydrochloride

Cat. No.:	HY-B0615A
CAS No.:	29560-58-5
Molecular Formula:	C ₂₂ H ₂₆ ClN ₃ O ₄ S
Molecular Weight:	463.98
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 : 100 mg/mL (215.53 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1553 mL	10.7763 mL	21.5527 mL
	5 mM	0.4311 mL	2.1553 mL	4.3105 mL
	10 mM	0.2155 mL	1.0776 mL	2.1553 mL

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

BIOLOGICAL ACTIVITY

Description

Moricizine Hydrochloride (EN 313) is an orally active Class I antiarrhythmic agent. Moricizine Hydrochloride decreases the maximum rate of phase 0 depolarization; increases rates of phase 2 and 3 repolarization, decreases action potential duration, and decreases effective refractory period^[1].

REFERENCES

[1]. Bigger JT Jr. Cardiac electrophysiologic effects of moricizine hydrochloride. Am J Cardiol. 1990 Feb 20;65(8):15D-20D; discussion 68D-71D.

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

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