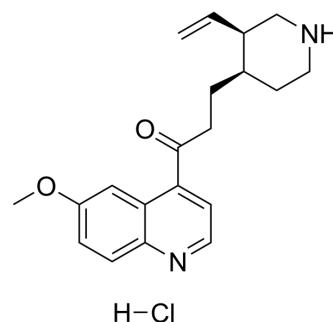


Viquidil hydrochloride

Cat. No.:	HY-105559A
CAS No.:	52211-63-9
Molecular Formula:	C ₂₀ H ₂₅ ClN ₂ O ₂
Molecular Weight:	360.88
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 15 mg/mL (41.57 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.7710 mL	13.8550 mL	27.7100 mL
		5 mM		0.5542 mL	2.7710 mL	5.5420 mL
	10 mM		0.2771 mL	1.3855 mL	2.7710 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (138.55 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Viquidil hydrochloride (Quinotoxine hydrochloride), an isomer of Quinidine, is a cerebral vasodilator agent. Viquidil hydrochloride shows antithrombotic activity ^{[1][2]} .
In Vivo	Viquidil hydrochloride (Quinotoxine hydrochloride) increases the cerebral blood flow in the rabbit considerably ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lecrubier C, et al. [Effect of a new cerebral vasodilator agent, viquidil, on the aggregation of blood platelets]. *Arzneimittelforschung*. 1972 Aug;22(8):1334-6.
- [2]. Sim AK, et al. The antithrombotic activity of viquidil, a cerebral vasodilator. *Arzneimittelforschung*. 1979;29(3):508-11.

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

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