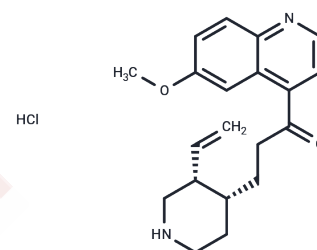


## Viquidil hydrochloride

## Chemical Properties

CAS No. :	52211-63-9
Formula:	C <sub>20</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	360.88
Storage:	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	Viquidil hydrochloride (Quinotoxine hydrochloride) is an isomer of Quinidine. Viquidil hydrochloride is an agent of cerebral vasodilator with antithrombotic activity.
Targets(IC50)	Others
In vivo	In the rabbit considerably, Viquidil hydrochloride increases the cerebral blood flow [3].

## Solubility Information

Solubility	H <sub>2</sub> O: 15 mg/mL (41.57 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.771 mL	13.855 mL	27.710 mL
5 mM	0.5542 mL	2.771 mL	5.542 mL
10 mM	0.2771 mL	1.3855 mL	2.771 mL
50 mM	0.0554 mL	0.2771 mL	0.5542 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

- 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.
- Sim AK, et al. The antithrombotic activity of viquidil, a cerebral vasodilator. *Arzneimittelforschung*. 1979;29(3):508-11.
- De Valois JC. Increase in cerebral blood flow in the rabbit by viquidil. *Stroke*. 1973 Mar-Apr;4(2):218-20.

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