

## Product Data Sheet

Product Name: Viquidil hydrochloride

Cat. No.: GC39220

### Chemical Properties

Cas. No. 52211-63-9

SMILES O=C(C1=CC=NC2=CC=C(OC)C=C12)CC[C@H]3[C@@H](C=C)CNCC3.[H]Cl

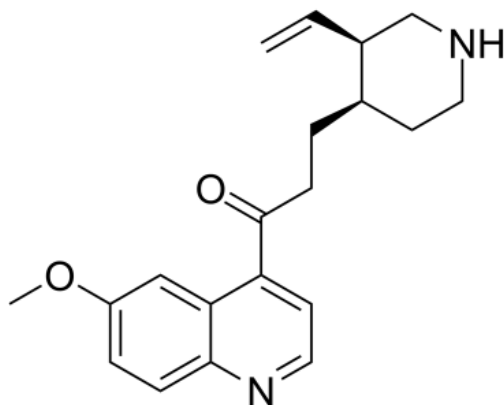
Formula  $C_{20}H_{25}ClN_2O_2$  M.Wt 360.88

Solubility Water: 15 mg/mL (41.57 mM) Storage Store at -20°C, protect from light, stored under nitrogen

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



H-Cl

### Background

Viquidil hydrochloride (Quinotoxine hydrochloride), an isomer of Quinidine, is a cerebral vasodilator

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

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agent. Viquidil hydrochloride shows antithrombotic activity[1][2].

[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. [3]. 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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