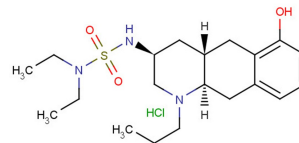


## Quinagolide hydrochloride

## Chemical Properties

CAS No.:	94424-50-7
Formula:	C <sub>20</sub> H <sub>34</sub> ClN <sub>3</sub> O <sub>3</sub> S
Molecular Weight:	432.02
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Quinagolide hydrochloride is a selective agonist of dopamine D2 receptor.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	DMSO: 43 mg/mL (99.53 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.315 mL	11.574 mL	23.147 mL
5 mM	0.463 mL	2.315 mL	4.629 mL
10 mM	0.231 mL	1.157 mL	2.315 mL
50 mM	0.046 mL	0.231 mL	0.463 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Mostafa AA, et al. Spectrophotometric determination of clobetasol propionate, halobetasol propionate, quinagolide hydrochloride, through charge transfer complexation. J Pharm Biomed Anal. 2002 Mar 1;27(6):889-899.

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