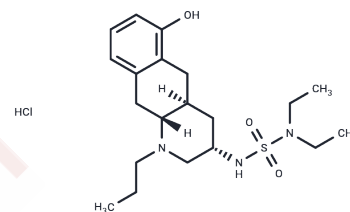


Quinagolide hydrochloride

Chemical Properties

CAS No. :	94424-50-7
Formula:	C ₂₀ H ₃₄ ClN ₃ O ₃ S
Molecular Weight:	432.02
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	Quinagolide hydrochloride is a selective agonist of dopamine D2 receptor.
Targets(IC50)	Others,Akt,Dopamine Receptor

Solubility Information

Solubility	DMSO: 43 mg/mL (99.53 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	2.3147 mL	11.5735 mL	23.1471 mL
5 mM	0.4629 mL	2.3147 mL	4.6294 mL
10 mM	0.2315 mL	1.1574 mL	2.3147 mL
50 mM	0.0463 mL	0.2315 mL	0.4629 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

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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