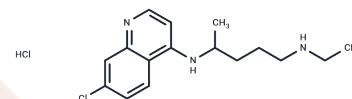


N-Desethyl Chloroquine Hydrochloride

Chemical Properties

CAS No. :	15912-96-6
Formula:	C ₁₆ H ₂₃ Cl ₂ N ₃
Molecular Weight:	328.28
Storage:	Keep away from moisture, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-Desethyl Chloroquine Hydrochloride ((±)-Desethylchloroquine 2HCl) is a desethylchloroquine derivative. desethylchloroquine competitively inhibits cyp2d1 /6-mediated reactions in vitro and in vivo.
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0462 mL	15.2309 mL	30.4618 mL
5 mM	0.6092 mL	3.0462 mL	6.0924 mL
10 mM	0.3046 mL	1.5231 mL	3.0462 mL
50 mM	0.0609 mL	0.3046 mL	0.6092 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

Northover BJ. The effect of anti-inflammatory drugs on vascular smooth muscle. Br J Pharmacol Chemother. 1967; 31(3):483-493.

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