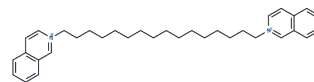


## Hedaquinium chloride

## Chemical Properties

CAS No. :	4310-89-8
Formula:	C <sub>34</sub> H <sub>46</sub> Cl <sub>2</sub> N <sub>2</sub>
Molecular Weight:	553.65
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	Hedaquinium chloride has antibacterial activity.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8062 mL	9.031 mL	18.062 mL
5 mM	0.3612 mL	1.8062 mL	3.6124 mL
10 mM	0.1806 mL	0.9031 mL	1.8062 mL
50 mM	0.0361 mL	0.1806 mL	0.3612 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

COLLIER HO, COX WA, HUSKINSON PL, ROBINSON FA. Further observations on the biological properties of dequalinium (dequadin) and hedaquinium (teoquil). J Pharm Pharmacol. 1959 Nov;11:671-80. PubMed PMID: 13811229.

COLLIER HO, GRIMSHAW JJ. Local action of some antibacterial substances against Corynebacterium ovis in guinea-pig skin. Br J Pharmacol Chemother. 1958 Sep;13(3):231-7. PubMed PMID: 13584722; PubMed Central PMCID: PMC1481770.

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