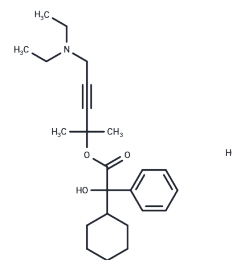


## Temiverine hydrochloride

## Chemical Properties

CAS No. :	136529-33-4
Formula:	C <sub>24</sub> H <sub>36</sub> ClNO <sub>3</sub>
Molecular Weight:	422
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	Temiverine hydrochloride is a potential calcium channel antagonist with anticholinergic effects that inhibits some of the functions of atropine.
Targets(IC50)	Calcium Channel,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3697 mL	11.8483 mL	23.6967 mL
5 mM	0.4739 mL	2.3697 mL	4.7393 mL
10 mM	0.237 mL	1.1848 mL	2.3697 mL
50 mM	0.0474 mL	0.237 mL	0.4739 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

Kikukawa H, et al. Pharmacologic actions of temiverine (p-INN) and its active metabolite, RCC-36, on isolated human urinary bladder muscle. *Int J Urol.* 1998 May;5(3):268-75.

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