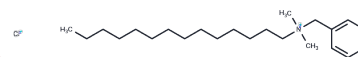


## Myristalkonium chloride

## Chemical Properties

CAS No. :	139-08-2
Formula:	C <sub>23</sub> H <sub>42</sub> ClN
Molecular Weight:	368.04
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	Myristalkonium chloride is a drug with anticancer activity.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7171 mL	13.5855 mL	27.171 mL
5 mM	0.5434 mL	2.7171 mL	5.4342 mL
10 mM	0.2717 mL	1.3585 mL	2.7171 mL
50 mM	0.0543 mL	0.2717 mL	0.5434 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

Zhu YQ, Cui WG, Cheng YS, Chang J, Chen NW, Yan L. Evaluation of biodegradable paclitaxel-eluting nanofibre-covered metal stents for the treatment of benign cardia stricture in an experimental model. *Br J Surg.* 2013 May; 100(6):784-93. doi: 10.1002/bjs.9106. PubMed PMID: 23553755.

Vespúcio MV, Turatti A, Modiano P, Oliveira EC, Chicote SR, Pinto AM, Garcia SB. Intrinsic denervation of the colon is associated with a decrease of some colonic preneoplastic markers in rats treated with a chemical carcinogen. *Braz J Med Biol Res.* 2008 Apr;41(4):311-7. Epub 2008 Feb 14. PubMed PMID: 18297187.

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