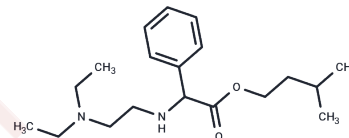


## Camylofine

## Chemical Properties

CAS No. :	54-30-8
Formula:	C <sub>19</sub> H <sub>32</sub> N <sub>2</sub> O <sub>2</sub> ·2HCl
Molecular Weight:	393.4
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	Camylofine (Avacan) is an antimuscarinic, used for relaxing smooth muscle.
Targets(IC50)	AChR

## Solubility Information

Solubility	DMSO: 10 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	2.5419 mL	12.7097 mL	25.4194 mL
5 mM	0.5084 mL	2.5419 mL	5.0839 mL
10 mM	0.2542 mL	1.271 mL	2.5419 mL
50 mM	0.0508 mL	0.2542 mL	0.5084 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

Dubey R, et al. J Drug Target. 2010 Sep;18(8):589-601.

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