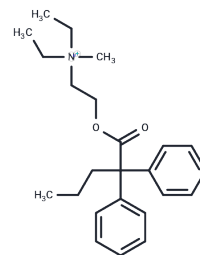


## Meproadifen

## Chemical Properties

CAS No. :	70147-13-6
Formula:	C <sub>24</sub> H <sub>34</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	368.53
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	Meproadifen enhances activation and desensitization of the acetylcholine receptor-ionic channel complex (AChR).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7135 mL	13.5674 mL	27.1348 mL
5 mM	0.5427 mL	2.7135 mL	5.427 mL
10 mM	0.2713 mL	1.3567 mL	2.7135 mL
50 mM	0.0543 mL	0.2713 mL	0.5427 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

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Aracava Y, Albuquerque EX. Meproadifen enhances activation and desensitization of the acetylcholine receptor-ionic channel complex (AChR): single channel studies. FEBS Lett. 1984 Sep 3;174(2):267-74. PubMed PMID: 6088290.

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