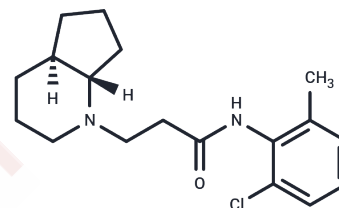


## Rodocaine

## Chemical Properties

CAS No. :	38821-80-6
Formula:	C <sub>18</sub> H <sub>25</sub> ClN <sub>2</sub> O
Molecular Weight:	320.86
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	Rodocaine is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1166 mL	15.5831 mL	31.1662 mL
5 mM	0.6233 mL	3.1166 mL	6.2332 mL
10 mM	0.3117 mL	1.5583 mL	3.1166 mL
50 mM	0.0623 mL	0.3117 mL	0.6233 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

- Joosten A, Lambert E, Vasse JL, Szymoniak J. Diastereoselective access to trans-2-substituted cyclopentylamines. *Org Lett.* 2010 Nov 19;12(22):5128-31. doi: 10.1021/ol102038x. Epub 2010 Oct 18. PubMed PMID: 20954729.
- Rolly G, Buys M. The use of rodocaine (R 22.700), a new long acting local anesthetic. Preliminary report. *Acta Anaesthesiol Belg.* 1973;24(3):264-9. PubMed PMID: 4773096.
- Meyer D, Renaud P. Enantioselective Hydroazidation of Trisubstituted Non-Activated Alkenes. *Angew Chem Int Ed Engl.* 2017 Aug 28;56(36):10858-10861. doi: 10.1002/anie.201703340. Epub 2017 Jul 26. PubMed PMID: 28598018.

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