

## Vesamicol

## Chemical Properties

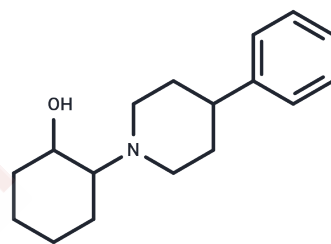
CAS No. : 22232-64-0

Formula: C<sub>17</sub>H<sub>25</sub>NO

Molecular Weight: 259.39

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	Vesamicol is an experimental drug. It acting presynaptically by inhibiting acetylcholine uptake into synaptic vesicles and reducing its release.
Targets(IC50)	Others,AChR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8552 mL	19.276 mL	38.552 mL
5 mM	0.771 mL	3.8552 mL	7.7104 mL
10 mM	0.3855 mL	1.9276 mL	3.8552 mL
50 mM	0.0771 mL	0.3855 mL	0.771 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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Gaydukov AE, Bogacheva PO, Balezina OP. Calcitonin gene-related peptide increases acetylcholine quantal size in neuromuscular junctions of mice. *Neurosci Lett.* 2016 Aug 15;628:17-23. doi: 10.1016/j.neulet.2016.06.014. Epub 2016 Jun 7. PubMed PMID: 27288020.

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