

## Nicanartine

## Chemical Properties

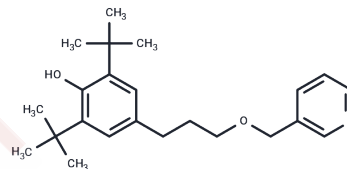
CAS No. : 150443-71-3

Formula: C<sub>23</sub>H<sub>33</sub>NO<sub>2</sub>

Molecular Weight: 355.51

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Nicanartine is a cholesterol inhibitor that is used to treat cardiovascular disease and can be used to study atherosclerosis.
Targets(IC50)	Others,LDLR

## Solubility Information

Solubility	DMSO: 50 mg/mL (140.64 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	2.8129 mL	14.0643 mL	28.1286 mL
5 mM	0.5626 mL	2.8129 mL	5.6257 mL
10 mM	0.2813 mL	1.4064 mL	2.8129 mL
50 mM	0.0563 mL	0.2813 mL	0.5626 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

- Dailly E, et al. Nicanartine improves in vitro resistance of lipoproteins to oxidation. *Pharm Res.* 1996;13(3):457-461.  
Lupp A, et al. Investigation on possible antioxidative properties of the NMDA-receptor antagonists ketamine, memantine, and amantadine in comparison to nicanartine in vitro. *Exp Toxicol Pathol.* 1998;50(4-6):501-506.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481