

## DCQVA

## Chemical Properties

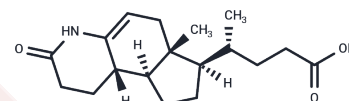
CAS No. : 24967-10-0

Formula: C<sub>18</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 305.41

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	DCQVA is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2743 mL	16.3714 mL	32.7429 mL
5 mM	0.6549 mL	3.2743 mL	6.5486 mL
10 mM	0.3274 mL	1.6371 mL	3.2743 mL
50 mM	0.0655 mL	0.3274 mL	0.6549 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

Nishimaki-Mogami T, Suzuki K, Okochi E, Takahashi A. Bezafibrate and clofibrac acid are novel inhibitors of phosphatidylcholine synthesis via the methylation of phosphatidylethanolamine. *Biochim Biophys Acta*. 1996 Nov 11;1304(1):11-20. PubMed PMID: 8944746.

Hayashi Y, Toyoda K, Imazawa T, Sato H, Okamiya H, Kurokawa Y, Takahashi J, Mogami-Nishimaki T, Hayakawa S. Peroxisome proliferation of hepatocytes in rats by a microbial degradation product of cholic acid, 4-(decahydro-6-methyl-3-oxocyclopenta(f)quinoline-7-yl)valeric acid. *Exp Toxicol Pathol*. 1994 Jul;46(2):127-32. PubMed PMID: 7987070.

Nishimaki-Mogami T, Takahashi A, Hayashi Y. Activation of a peroxisome-proliferating catabolite of cholic acid to its CoA ester. *Biochem J*. 1993 Nov 15;296 ( Pt 1):265-70. PubMed PMID: 8250853; PubMed Central PMCID: PMC1137683.

Nishimaki-Mogami T, Takahashi A, Toyoda K, Hayashi Y. Induction of peroxisomal beta-oxidation by a microbial catabolite of cholic acid in rat liver and cultured rat hepatocytes. *Biochem J*. 1993 Oct 1;295 ( Pt 1):217-20. PubMed PMID: 8216219; PubMed Central PMCID: PMC1134841.

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