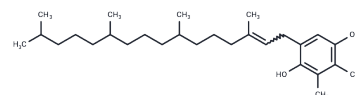


(Rac)-γ-Tocopherol

Chemical Properties

CAS No. : 73980-80-0
Formula: C₂₈H₄₈O₂
Molecular Weight: 416.69
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	(Rac)-γ-Tocopherol (DMPBQ) is an isoform of Vitamin E that undergoes conversion to γ-Tocopherol through the action of tocopherol cyclase.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3999 mL	11.9993 mL	23.9987 mL
5 mM	0.480 mL	2.3999 mL	4.7997 mL
10 mM	0.240 mL	1.1999 mL	2.3999 mL
50 mM	0.048 mL	0.240 mL	0.480 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.

Reference

Maria S Dwiyaniti, et al. Genetic variation of g-tocopherol methyltransferase gene contributes to elevated α-tocopherol content in soybean seeds. BMC Plant Biology 2011, 11:152.

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