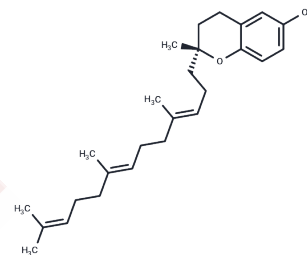


D-Tocotrienol

Chemical Properties

CAS No. :	136774-61-3
Formula:	C ₂₆ H ₃₈ O ₂
Molecular Weight:	382.58
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	Tocotrienols are certain members of the vitamin E family.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6138 mL	13.0692 mL	26.1383 mL
5 mM	0.5228 mL	2.6138 mL	5.2277 mL
10 mM	0.2614 mL	1.3069 mL	2.6138 mL
50 mM	0.0523 mL	0.2614 mL	0.5228 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

Guthrie N, Gapor A, Chambers AF, Carroll KK. Palm oil tocotrienols and plant flavonoids act synergistically with each other and with Tamoxifen in inhibiting proliferation and growth of estrogen receptor-negative MDA-MB-435 and -positive MCF-7 human breast cancer cells in culture. Asia Pac J Clin Nutr. 1997 Mar;6(1):41-5. PubMed PMID: 24394652.

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