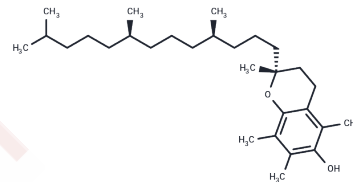


DL-alpha-Tocopherol

Chemical Properties

CAS No. :	10191-41-0
Formula:	C ₂₉ H ₅₀ O ₂
Molecular Weight:	430.71
Appearance:	no data available
Storage:	keep away from direct sunlight Pure form: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	DL-alpha-Tocopherol (Ephanyl) is a synthetic vitamin E that protects skin fibroblasts from the cytotoxic effects of UV light and has antioxidant properties.
Targets(IC50)	Antioxidant,Ferroptosis

Solubility Information

Solubility	DMSO: 25 mg/mL (58.04 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	2.3217 mL	11.6087 mL	23.2175 mL
5 mM	0.4643 mL	2.3217 mL	4.6435 mL
10 mM	0.2322 mL	1.1609 mL	2.3217 mL
50 mM	0.0464 mL	0.2322 mL	0.4643 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

Sakouhi, F., et al.: Food Chem., 108, 833 (2008)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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