Data Sheet (Cat.No.T1016)

TargetMol

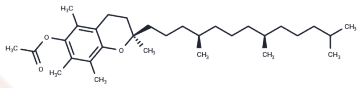
D-α-Tocopherol acetate

Chemical Properties

CAS No. : 58-95-7

Formula: C31H52O3

Molecular Weight: 472.74



Storage: Keep away from direct sunlight
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	D-alpha-Tocopherol acetate (Vitamin E Acetate) is hydrolyzed to d-alpha-tocopherol (VE) and absorbed in the small intestine.
Targets(IC50)	NF-κB,Endogenous Metabolite,Interleukin

Solubility Information

Solubility	DMSO: 250 mg/mL (528.83 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1153 mL	10.5766 mL	21.1533 mL
5 mM	0.4231 mL	2.1153 mL	4.2307 mL
10 mM	0.2115 mL	1.0577 mL	2.1153 mL
50 mM	0.0423 mL	0.2115 mL	0.4231 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

Beijersbergen van Henegouwen GM, et al. J Photochem Photobiol B. 1995 Jul;29(1):45-51.
Zhang H, Liang B, Sang X, et al.Discovery of Potential Inhibitors of SARS-CoV-2 Main Protease by a Transfer Learning Method.Viruses.2023, 15(4): 891.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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