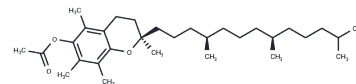


DL- α -tocopherol acetate

Chemical Properties

CAS No. : 52225-20-4
 Formula: C₃₁H₅₂O₃
 Molecular Weight: 472.74
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DL- α -tocopherol acetate (Vitamin E acetate) is a vitamin E derivative used as a vitamin E supplement in poultry feed.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	H ₂ O: 90.0 mg/mL (190.4 mM), Sonication is recommended. DMSO: 55 mg/mL (116.34 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Reference

Nagy K, et al. Double-balloon jejunal perfusion to compare absorption of vitamin E and vitamin E acetate in healthy volunteers under maldigestion conditions. Eur J Clin Nutr. 2013;67(2):202-206.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481