

Vitamin A Propionate

Chemical Properties

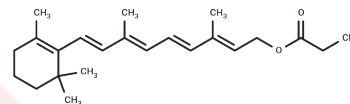
CAS No. : 7069-42-3

Formula: C₂₃H₃₄O₂

Molecular Weight: 342.51

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	Vitamin A Propionate, an ester derivative of vitamin A, exhibits varying effects on growth, serum biochemistry, and hematological indices in foal nutrition studies depending on the dosage administered. Both excessively high and low doses lead to adverse impacts. These effects are correlated with the concentrations of vitamin A in the plasma, liver, and kidneys.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9196 mL	14.5981 mL	29.1962 mL
5 mM	0.5839 mL	2.9196 mL	5.8392 mL
10 mM	0.292 mL	1.4598 mL	2.9196 mL
50 mM	0.0584 mL	0.292 mL	0.5839 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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