

## Previtamin D2

## Chemical Properties

CAS No. :	21307-05-1
Formula:	C <sub>28</sub> H <sub>44</sub> O
Molecular Weight:	396.66
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Previtamin D2 is the precursor of vitamin D2 (ergocalciferol). It is formed through the photoisomerization of ergosterol, a compound found in fungi and some plants. When exposed to ultraviolet (UV) light, ergosterol converts to previtamin D2, which then rapidly isomerizes into vitamin D2.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5211 mL	12.6053 mL	25.2105 mL
5 mM	0.5042 mL	2.5211 mL	5.0421 mL
10 mM	0.2521 mL	1.2605 mL	2.5211 mL
50 mM	0.0504 mL	0.2521 mL	0.5042 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.

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