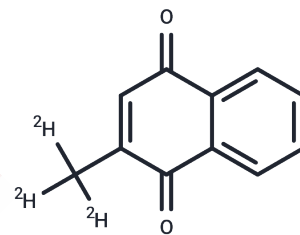


## Vitamin K3-D3

## Chemical Properties

CAS No. :	5172-16-7
Formula:	C <sub>11</sub> H <sub>5</sub> D <sub>3</sub> O <sub>2</sub>
Molecular Weight:	175.2
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 K3-D3 is a deuterated compound of Vitamin K3. Vitamin K3 (T0449) has a CAS number of 58-27-5. Menadione is a synthetic naphthoquinone without the isoprenoid side chain and biological activity, but can be converted to active vitamin K <sub>2</sub> , menaquinone, after alkylation in vivo.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7078 mL	28.5388 mL	57.0776 mL
5 mM	1.1416 mL	5.7078 mL	11.4155 mL
10 mM	0.5708 mL	2.8539 mL	5.7078 mL
50 mM	0.1142 mL	0.5708 mL	1.1416 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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