

19-Nor-22-oxa-1a,25(OH)2-VD3

## Chemical Properties

CAS No. :	284041-36-7
Formula:	C <sub>25</sub> H <sub>42</sub> O <sub>4</sub>
Molecular Weight:	406.61
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	19-Nor-22-oxa-1a,25(OH)2-VD3 is a vitamin D <sub>3</sub> analog characterized by its extremely low affinity for the vitamin D receptor (VDR) and minimal binding to the vitamin D binding protein (DBP). It is effective in inducing differentiation in HL-60 cells and causes cell cycle arrest at the G <sub>0</sub> -G <sub>1</sub> phase. This compound can be utilized in research pertaining to diseases such as hyperparathyroidism.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4594 mL	12.2968 mL	24.5936 mL
5 mM	0.4919 mL	2.4594 mL	4.9187 mL
10 mM	0.2459 mL	1.2297 mL	2.4594 mL
50 mM	0.0492 mL	0.2459 mL	0.4919 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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