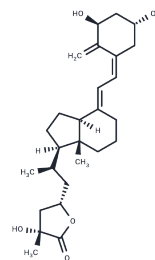


## Calcitriol lactone

## Chemical Properties

CAS No. :	81203-50-1
Formula:	C <sub>27</sub> H <sub>40</sub> O <sub>5</sub>
Molecular Weight:	444.60
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	Calcitriol lactone (1 $\alpha$ ,25-Dihydroxyvitamin D <sub>3</sub> -26,23-lactone), a vitamin D <sub>3</sub> metabolite, serves as the active form of vitamin D, influencing bone health, cell differentiation, and immune function.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2492 mL	11.2461 mL	22.4921 mL
5 mM	0.4498 mL	2.2492 mL	4.4984 mL
10 mM	0.2249 mL	1.1246 mL	2.2492 mL
50 mM	0.045 mL	0.2249 mL	0.4498 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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