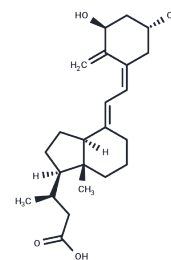


Calcitroic acid

Chemical Properties

CAS No. :	71204-89-2
Formula:	C ₂₃ H ₃₄ O ₄
Molecular Weight:	374.514
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	Calcitroic acid is a vitamin D receptor (VDR) agonist that activates VDR-mediated transcription. It is the primary metabolite of 1,25-dihydroxyvitamin D ₃ , showing the highest concentrations in the liver and mucosa of mice. The compound exhibits metabolic stability and extremely low toxicity.
Targets(IC50)	Vitamin, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6702 mL	13.3508 mL	26.7016 mL
5 mM	0.534 mL	2.6702 mL	5.3403 mL
10 mM	0.267 mL	1.3351 mL	2.6702 mL
50 mM	0.0534 mL	0.267 mL	0.534 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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