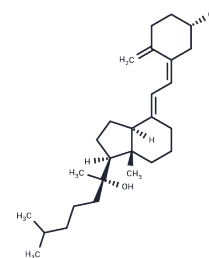


20-Hydroxyvitamin D3

Chemical Properties

CAS No. :	651734-12-2
Formula:	C ₂₇ H ₄₄ O ₂
Molecular Weight:	400.637
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	20-Hydroxyvitamin D3 (20(OH)D3) is a hydroxy metabolite of vitamin D3. It functions as a ligand for the vitamin D receptor (VDR), aryl hydrocarbon receptor (AhR), liver X receptor (LXR), and retinoic acid receptor-related orphan receptor (ROR). 20-Hydroxyvitamin D3 inhibits cell proliferation and induces differentiation. It is applicable in research on inflammatory and autoimmune diseases.
Targets(IC50)	Aryl Hydrocarbon Receptor, Vitamin, Liver X Receptor, ROR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.496 mL	12.480 mL	24.9601 mL
5 mM	0.4992 mL	2.496 mL	4.992 mL
10 mM	0.2496 mL	1.248 mL	2.496 mL
50 mM	0.0499 mL	0.2496 mL	0.4992 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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