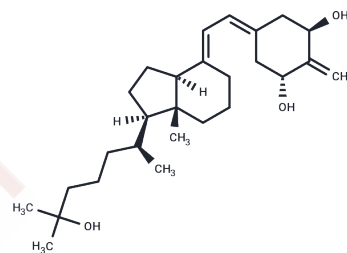


2MD

Chemical Properties

CAS No. : 213250-70-5
 Formula: C₂₇H₄₄O₃
 Molecular Weight: 416.64
 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	2MD, an orally active vitamin D analog, both stimulates periosteal bone formation and decreases trabecular bone resorption, effectively restoring trabecular and cortical bone mass and strength. Additionally, 2MD regulates genes related to intraocular pressure (IOP) and reduces IOP in non-human primates [1] [2].
Targets(IC50)	Others,Vitamin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4002 mL	12.0008 mL	24.0015 mL
5 mM	0.480 mL	2.4002 mL	4.8003 mL
10 mM	0.240 mL	1.2001 mL	2.4002 mL
50 mM	0.048 mL	0.240 mL	0.480 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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