

(1S)-Calcitriol-d3

Chemical Properties

CAS No. :	1539301-06-8
Formula:	C ₂₇ H ₄₄ O ₃
Molecular Weight:	419.66
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	(1S)-Calcitriol-d3 (1 α ,25-Dihydroxy-3-epi-vitamin D3-d3) is the deuterium-labeled version of (1S)-Calcitriol. Calcitriol (1 α ,25-Dihydroxy-3-epi-vitamin-D3) is a natural metabolite of 1 α ,25-dihydroxyvitamin D3 [1 α ,25(OH)2D3]. It exhibits effective vitamin D receptor (VDR)-mediated actions, such as inhibiting keratinocyte proliferation and suppressing parathyroid hormone secretion.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3829 mL	11.9144 mL	23.8288 mL
5 mM	0.4766 mL	2.3829 mL	4.7658 mL
10 mM	0.2383 mL	1.1914 mL	2.3829 mL
50 mM	0.0477 mL	0.2383 mL	0.4766 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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