

Eldecalcitol-D6

Chemical Properties

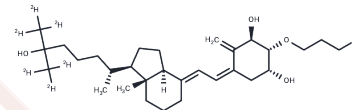
CAS No. :

Formula: C₃₀H₄₄D₆O₅

Molecular Weight: 496.75

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	Eldecalcitol-D6 is an orally active analogue of active vitamin D used in the treatment of osteoporosis. Eldecalcitol-D6 is the deuterium labeled Eldecalcitol (T15206).
In vitro	Eldecalcitol can significantly increase bone density and has a strong inhibitory effect on bone absorption.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0131 mL	10.0654 mL	20.1309 mL
5 mM	0.4026 mL	2.0131 mL	4.0262 mL
10 mM	0.2013 mL	1.0065 mL	2.0131 mL
50 mM	0.0403 mL	0.2013 mL	0.4026 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.

Reference

Noguchi Y, et al. Eldecalcitol for the treatment of osteoporosis. Clin Interv Aging. 2013;8:1313-21.

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