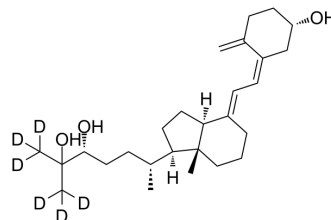


Secalciferol-d6

Cat. No.:	HY-32343S
CAS No.:	1440957-55-0
Molecular Formula:	C ₂₇ H ₃₈ D ₆ O ₃
Molecular Weight:	422.68
Target:	VD/VDR; Endogenous Metabolite; Isotope-Labeled Compounds
Pathway:	Vitamin D Related/Nuclear Receptor; Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Secalciferol-d ₆ is the deuterium labeled Secalciferol. Secalciferol is a metabolite of Vitamin D, a possibly anti-inflammatory steroid which is involved in bone ossification[1][2].
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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Caution: Product has not been fully validated for medical applications. For research use only.

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