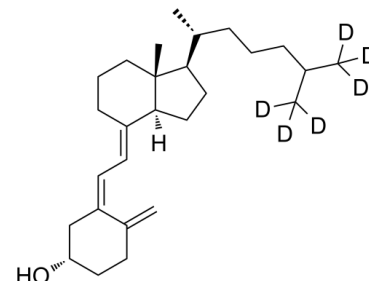


Data Sheet

Product Name:	VD3-D6
Cat. No.:	CS-0817
CAS No.:	118584-54-6
Molecular Formula:	C ₂₇ H ₃₈ D ₆ O
Molecular Weight:	390.67
Target:	VD/VDR
Pathway:	Vitamin D Related
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

VD3-D6 (Vitamin D3-26,26,26,27,27,27-d₆) is the deuterated form of Vitamin D₃; tools for determination of Vitamin D₃ metabolites in human serum.

References:

[1]. Kimberly Napoli Eaton, et al. Determination of Vitamin D Metabolites in Human Serum Using Automated ITSP Solid Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry

CAIndexNames:

Cyclohexanol, 4-methylene-3-[(2E)-2-[(1R,3aS,7aR)-octahydro-7a-methyl-1-[(1R)-1-methyl-5-(methyl-d₃)hexyl-6,6,6-d₃]-4H-inden-4-ylidene]ethylidene]-, (1S,3Z)-

SMILES:

O[C@@H](CCC/C=C)CC1=C\C=C2[C@@](CC[C@@H]3[C@@H](CCCC(C([2H])([2H])[2H])C([2H])([2H])[2H])C([H])[C@]3(C)CCC2

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA