
Product Data Sheet

Product Name: VD3-D6
Cat. No.: GC37894

Chemical Properties

Cas. No. 118584-54-6

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)CCC\2

Formula C₂₇H₃₈D₆O M.Wt 390.67

Solubility Soluble in DMSO Storage Store at -20°C, unstable in solution, ready to use.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

Background

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.

[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

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

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