

Product Data Sheet

Product Name: Ercalcidiol-d3

Cat. No.: GC63319

Chemical Properties

Cas. No. 1217467-39-4

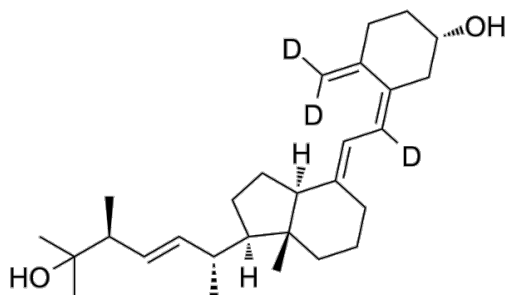
Formula $C_{28}H_{41}D_3O_2$ M.Wt 415.67

Solubility DMSO : 100 mg/mL (240.58 mM; Need ultrasonic); DMSO : 100 mg/mL (240.58 mM; Need ultrasonic)
Storage Store at -20°C, protect from light, stored under nitrogen

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

Ercalcidiol-d3 (25-hydroxy Vitamin D2-d3) is the deuterium labeled Ercalcidiol. Ercalcidiol is a metabolite of Vitamins D2. Ercalcidiol can be used as an indicator of vitamins D status[1].

[1]. Abdel-Khalik J, et al. Studies on the analysis of 25-hydroxyvitamin D(3) by isotope-dilution liquid chromatography-tandem mass spectrometry using enzyme-assisted derivatisation. Biochem Biophys Res Commun. 2014;446(3):745-750.

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

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