
Product Data Sheet

Product Name: 3-epi-Vitamin D3

Cat. No.: GC66390

Chemical Properties

Cas. No. 57651-82-8

Formula C₂₇H₄₄O M.Wt 384.64

Solubility Storage 4°C, away from moisture and light

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

3-epi-Vitamin D3 (Epicholecalciferol) (Compound 4), a Vitamin D3 analogue, is a **Hedgehog pathway** inhibitor with an **IC₅₀** of 39.2 μM measured in U87MG cells^[1].

3-epi-Vitamin D3 (Epicholecalciferol) (5 or 10 μM) significantly upregulates Cyp24A1 in U87MG, HT-29 and C3H10T1/2 cells^[1].

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

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