
Product Data Sheet

Product Name: Chol-5-en-24-al-3 β -ol

Cat. No.: GC35687

Chemical Properties

Cas. No. 27460-33-9

SMILES C[C@H](CCC=O)[C@H]1CC[C@@]2([H])[C@]3([H])CC=C4C[C@@H](O)CC[C@]4(C)[C@@]3([H])CC[C@]12CFormula C₂₄H₃₈O₂ M.Wt 358.56

Solubility Soluble in DMSO Storage Store at -20°C

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**

Chol-5-en-24-al-3 β -ol is a steroid compound (Vitamin D3 derivative) extracted from patent US 4354972 A, Compound IX.

Chol-5-en-24-al-3 β -ol is a steroid 24-aldehyde, which is useful for their biological activity or which may be converted to steroids which have such activity[1]. Chol-5-en-24-al-3 β -ol is a Vitamin D3 derivative[2].

[1]. Kaiser, Emil T. Synthesis of steroids. US 4354972. [2]. Ikekawa, Nobuo. Vitamin D3 derivatives. EP0205285A1.

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

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