
Product Data Sheet

Product Name: Calcitriol Impurities D

Cat. No.: GC35592

Chemical Properties

Cas. No. 103656-40-2

SMILES O[C@H](C/C=C)C[C@H](O)CC1=C\C=C2[C@@](CC[C@@H]3[C@@H](CCCC(C)(O)C)C)([H])[C@]3(C)CCC\2Formula C₂₈H₄₆O₃ M.Wt 430.66

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**

Calcitriol Impurities D is the impurity of Calcitriol, Calcitriol is the hormonally active form of vitamin D, Calcitriol is the active metabolite of vitamin D₃ that activates the vitamin D receptor (VDR). Target: vitamin D receptor

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

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