

Certificate of Analysis

Product Name: Alfacalcidol
Cat. No.: CS-0389
CAS No.: 41294-56-8
Batch No.: 11390

Chemical Name: 1,3-Cyclohexanediol, 5-[(2E)-2-[(1R,3aS,7aR)-1-[(1R)-1,5-dimethylhexyl]octahydro-7a-methyl-

4H-inden-4-ylidene]ethylidene]-4-methylene-, (1R,3R)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{44}O_2$ Molecular Weight: 400.64

Storage: -20°C, protect from light, stored under nitrogen

Chemical Structure:

HO^W OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

1 H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.88%

Conclusion: The product has been tested and complies with the given specifications.

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

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