



Certificate of Analysis

 Product Name:
 Tacalcitol

 Cat. No.:
 CS-0391

 CAS No.:
 57333-96-7

 Batch No.:
 07214

Chemical Name: 1,3-Cyclohexanediol, 4-methylene-5-[(2E)-2-[(1R,3aS,7aR)-octahydro-1-[(1R,4R)-4-hydroxy-1

,5-dimethylhexyl]-7a-methyl-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5Z)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{44}O_3$ **Molecular Weight:** 416.64

Storage: 2-8°C, protect from light, stored under nitrogen

Chemical Structure:

HO OH

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.85%

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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