Certificate of Analysis

Doxercalciferol

Cat. No.: HY-32348
CAS No.: 54573-75-0
Batch No.: 03312

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

-trimethyl-2-hexen-1-yl]-4H-inden-4-ylidene]ethylidene]-, (1R,3S,5Z)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{44}O_2$ Molecular Weight: 412.65

Storage: -20°C, protect from light

 * The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.92%

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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