Certificate of Analysis

Lovastatin

Cat. No.: HY-N0504 CAS No.: 75330-75-5 Batch No.: 14203

Chemical Name: Butanoic acid, 2-methyl-, (1S,3R,7S,8S,8aR)-1,2,3,7,8,8a-hexahydro-3,7-dimethyl-8-[2-[(2R,4R)-t

etrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl]ethyl]-1-naphthalenyl ester, (2S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{36}O_{5}$ **Molecular Weight:** 404.54

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) LCMS: Consistent with structure

Purity (LCMS): 99.89%

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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