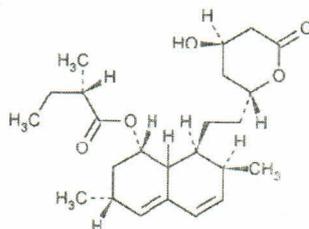


Batch no IF-L0-251208  
 Mf date Dec 08 2025  
 Expiry Dec 07 2028

Molecular Structure



Molecular Formula  $C_{24}H_{36}O_5$

Molecular Weight 404.54

CAS Registry Number 75330-75-5

Feb 10 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to off-white crystalline powder	Conforms
Solubility	Freely soluble in chloroform; soluble in acetone, in acetonitrile, & in methanol; sparingly soluble in alcohol; practically insoluble in hexane; insoluble in water	Conforms
Identification	IR, UV	Positive
Specific rotation	+324 ~ +338° (5 mg/mL in acetonitrile)	+329°
Loss on drying	≤ 0.3%	0.07%
Residue on ignition	≤ 0.2%	0.02%
Heavy metals	≤ 0.002%	< 0.002%
Limit of Lovastatin related compound A	≤ 0.5%	0.13%
Chromatographic purity	Individual impurity ≤ 0.2% Total impurities ≤ 1.0%	0.14% 0.44%
Residual solvents	Butyl acetate ≤ 5000 ppm Acetone ≤ 5000 ppm	37 ppm 146 ppm
Assay (odb)	98.5 ~ 101.0% of $C_{24}H_{36}O_5$	99.2%

Packaging & storage	Preserve in tight containers, under nitrogen in a cold place
Long term storage	Storage temperature: 2 ~ 30°C
Conclusion	Material complies with USP42