

# CERTIFICATE OF ANALYSIS

(Certificate No. KML001007-01)

Release Date: 25/06/2024

Re-test Date: 24/06/2027

## Lovastatin Hydroxy Impurity

### Identification

**Chemical Name :**

(3R,7S,8aR)-8-(2-((2R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-3,7-dimethyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl 3-hydroxy-2-methylbutanoate

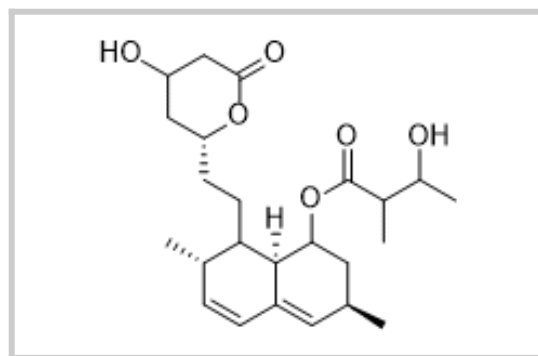
**Alt. Name** : KML001007

**CAT No.** : KML001007

**CAS No.** : Not Available

**Molecular Formula** : C<sub>24</sub>H<sub>36</sub>O<sub>6</sub>

**Molecular Weight** : 420.54



### Analytical Information

**Batch No.** : LOV-HYD-073-269

**Description** : Off White Solid

**HPLC Purity** : 99.02 %

**Weight Loss By TGA** : 0.93 %

**% Potency** : 98.1 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 0.93(Weight Loss By TGA)] x [99.02(HPLC Purity)]/100 = 98.1 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/06/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA