

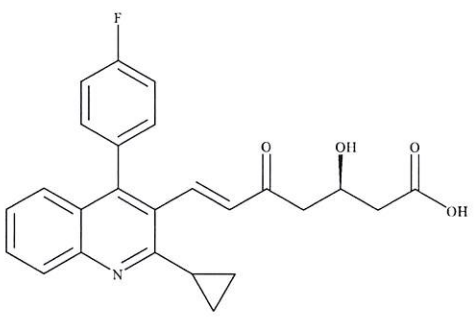
## Certificate of Analysis

Certificate No.: **20250603502**



Date: June 3, 2025

Retest date: May 30, 2028

<b>Compound Name:</b> 5-Oxo Pitavastatin	
<b>Synonyms:</b>	(R,E)-7-(2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl)-3-hydroxy-5-oxohept-6-enoic acid
<b>TLC Catalogue Number:</b>	P-6418
<b>CAS Number:</b>	222306-15-2
<b>Alternate CAS Number:</b>	2180095-22-9 (Calcium salt)
<b>Molecular Weight:</b>	419.45
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>22</sub> FNO <sub>4</sub>
<b>Source:</b>	TLC Pharmaceutical Standards
<b>Source Lot No.:</b>	5056-092A4
<b>Storage Conditions:</b>	Store at 2-8 °C
<b>Solubility:</b>	Methanol, DMSO



Test Description	Specifications	Results
<b>Visual Description</b>	Pale yellow solid	<b>Conforms</b>
<b>Identification</b>		
IR	Conforms to structure	<b>Conforms</b>
MS	Conforms to structure	<b>Conforms</b>
<sup>1</sup> H NMR	Conforms to structure	<b>Conforms</b>
<b>Purity (HPLC)</b>	Not less than 95.0%	<b>99.0%</b>
<b>Impurity (HPLC)</b>	RT 14.75, 0.14%; RT 16.86, 0.17%; RT 17.60, 0.35%	
<b>Water Content (KF)</b>	N/A	<b>0.4%</b>
<b>Optical Rotation</b>	N/A	[α] <sub>D</sub> <sup>25.0</sup> (c=0.55, CH <sub>3</sub> OH): <b>+15.7°</b>
<b>Residual Solvents (NMR)</b>	0.9% <i>n</i> -hexane	
<b>Assay (%)</b>	Not less than 90.0%	<b>97.7%</b>
<b>Recommendation:</b>	<b>Release.</b>	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/03/2025
Approved by:	Quality Assurance		06/03/2025

**Attachments:** Peak Attribution Table, HPLC, IR, MS and NMR spectra.