



## CERTIFICATE OF ANALYSIS



Date: 16-02-2026

<b>Product Name</b>	<b>Pravastatin Deshydroxy Impurity</b>		
<b>Chemical Name</b>	(1S,7S,8S)-8-(2-((2R,4R)-4-hydroxy-6-oxotetrahydro-2H-pyran-2-yl)ethyl)-7-methyl-1,2,3,7,8,8a-hexahydronaphthalen-1-yl (2S)-2-methylbutanoate		
<b>Structure</b>	<p>The chemical structure shows a complex molecule. It features a tricyclic core consisting of a naphthalene ring fused with a pyran ring, which is further fused with a tetrahydro-2H-pyran ring. The molecule contains several chiral centers, indicated by wedged and dashed bonds. A hydroxyl group (HO) is attached to one of the carbons in the pyran ring. A long aliphatic chain is attached to the naphthalene ring, ending in a 2-methylbutanoate ester group. The entire structure is labeled with stereochemical markers (R, S, 1S, 7S, 8S) to indicate its absolute configuration.</p>		
<b>Batch No.</b>	-	<b>CAS No.</b>	73573-88-3
<b>Analysis Date</b>	-	<b>Retest Date</b>	7
<b>Mol. Formula</b>	C <sub>23</sub> H <sub>34</sub> O <sub>5</sub>	<b>Molecular Wt.</b>	390.5
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

<b>Test</b>	<b>Result</b>
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note:** This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>
<b>Signature</b>			
<b>Date</b>			

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