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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Atorvastatin Pyrrolidone Analog**

### Identification:

Chemical Name: (3R,5R)-7-[5-(4-Fluorophenyl)-3-isopropyl-2-oxo-4-phenyl-3-(phenylcarbamoyl)-2,3-dihydro-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoic acid Sodium salt (as per USP)

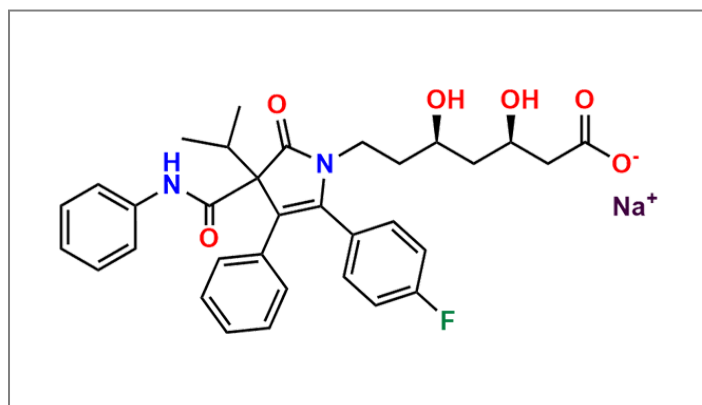
Synonyms: : Atorvastatin Lactam Impurity ;  
Atorvastatin Oxo Impurity

CAS Number: : 148217-40-7

CAT Number: : CP-A32042

Molecular Formula: : C<sub>33</sub>H<sub>34</sub>FN<sub>2</sub>O<sub>6</sub> : Na

Molecular Weight: : 573.6 : 23.0



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	1H NMR	Confirm to structure



Prepared and Reviewed By

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Approved By

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(QA Head)