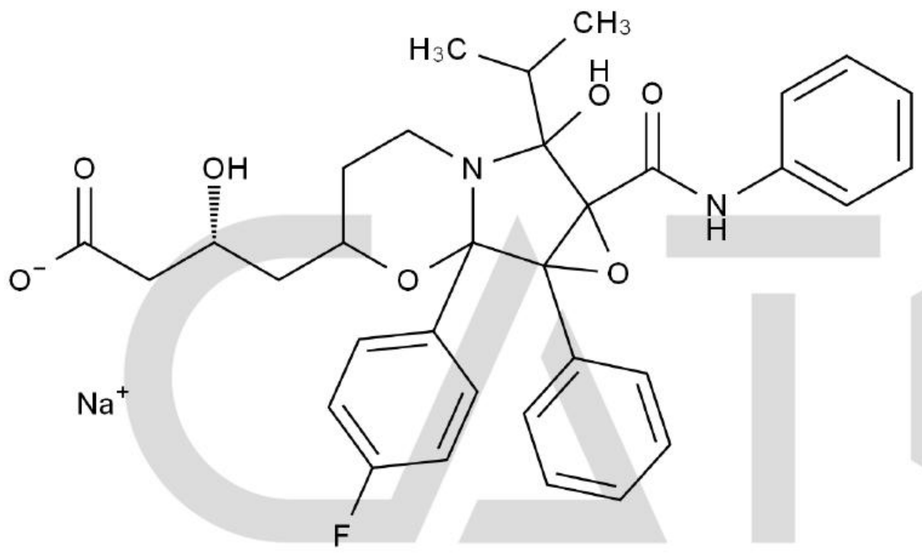
Certificate of Analysis

Reference Material & Standard

Product Name:	Atorvastatin Cyclic Fluorophenyl Impurity(Sodium Salt)	**Catalogue Number:**	C4X-1132115
Synonyms:	Atorvastatin Epoxy Pyrrolooxazin 7-Hydroxy Analog(Sodium Salt)	**Lot Number:**	0907-RH-0050
CAS Number:	N/A	**Expiry Date:**	Nov 23, 2029
Molecular Formula:	$C_{33}H_{34}FN_2O_7$ Na	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	589.63 22.99	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.178%
Water Content	Karl Fischer	8.23%
Residual Solvents	NMR	Not detected in NMR
Assay		91.0%

CATO Research Chemicals Inc.

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Water Content-Residual Solvents) * Purity HPLC (%) /100%*
Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Date: Sep 09, 2026

Reviewed by: Date: Sep 09, 2026

Approved by General Manager: Date: Sep 09, 2026

CATO Research Chemicals Inc.