



## 1. Identification

### Catalogue Number

A791855

### Lot Number

10-GUY-11-3

### Product Name

Atorvastatin Epoxydione Impurity

### Synonyms

3-(4-Fluorobenzoyl)-2-(2-methyl-1-oxopropyl)-N,3-diphenyloxiranecarboxamide; USP Atorvastatin Related Impurity D; Atorvastatin EP Impurity D; Atorvastatin epoxydione impurity

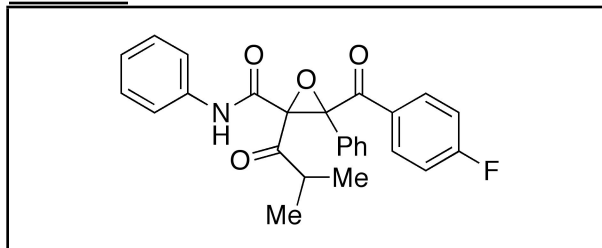
### CAS Number

148146-51-4

### Solubility

Acetonitrile (Slightly), Chloroform (Slightly, Heated, Sonicated), DMSO (Slightly), Methanol (Slightly, Sonicated)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>26</sub>H<sub>22</sub>FNO<sub>4</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C

### Molecular Weight

431.46

### Purity

97%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Off-White Solid

### Results

White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

### Additional Information

TLC Conditions: SiO<sub>2</sub>; Hexanes : Ethyl Acetate = 7 : 3; Visualized with UV and AMCS; R<sub>f</sub> = 0.65.

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

### Reviewed by

*Eric J. Beaton*

Eric Beaton

Product Quality Specialist

### Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

*My Nguyen*

My Nguyen

Quality Assurance Associate

### Test Date

3/5/2020

### Retest Date

3/3/2027