



## 1. Identification

### Catalogue Number

D292097

### Lot Number

1-FDN-76-3

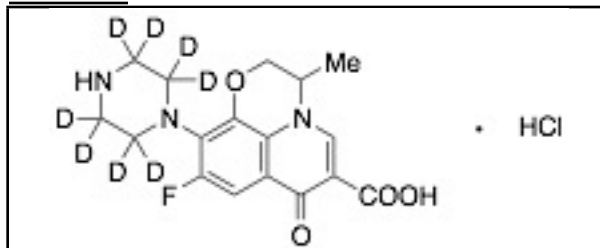
### Product Name

Desmethyl Ofloxacin-d8 Hydrochloride

### Synonyms

9-Fluoro-2,3-dihydro-3-methyl-7-oxo-10-(1-piperazinyl-d8)-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid Hydrochloride;

### Structure



### CAS Number

1217042-59-5

### Solubility

DMSO (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>17</sub>H<sub>11</sub>D<sub>8</sub>ClFN<sub>3</sub>O<sub>4</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

-20°C

### Molecular Weight

391.85

### Purity

98%

## 2. Warnings

## 3. Analytical Information

### Tests

Appearance

### Specifications

White to Pale Yellow Solid

### Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 53.69, %H: 5.10, %N: 10.70

HPLC Purity

Report Result

100.00% (295 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.0%

### Additional Information

Normalized Intensity: d<sub>0</sub> = 0.13%, d<sub>1</sub> = 0.09%, d<sub>2</sub> = 0.03%, d<sub>3</sub> = 0.03%, d<sub>4</sub> = 0.00%, d<sub>5</sub> = 0.02%, d<sub>6</sub> = 0.66%, d<sub>7</sub> = 12.60%, d<sub>8</sub> = 86.44%

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

Henry Tieu

Product Quality Specialist

### Reviewed by

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

Chanell Chu

Jr. Quality Assurance

### Test Date

12/16/2022

### Retest Date

12/14/2032