



CERTIFICATE OF ANALYSIS

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1. Identification

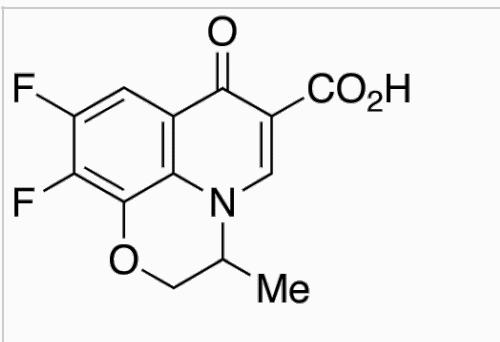
Catalogue Number: D445745

CAS Number: 82419-35-0

Product: 9,10-Difluoro-2,3-dihydro-3-methyl-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid(RS-Oflloxacin Carboxylic Acid)

Synonym: 9,10-Difluoro-3-methyl-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic Acid; Oflloxacin EP Impurity A

Structure:



Lot Number: 19-GHZ-28-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

Molecular Formula:

C₁₃H₉F₂NO₄

Molecular weight:

281.21

Source of Product:

N/A

Solubility:

DMSO (Slightly, Heated)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|-------------------------------|-------------------------------|
| Appearance | Off-White to Pale Beige Solid | Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| F NMR | Conforms to Structure | Conforms |
| Elemental Analysis | Conforms | %C: 56.09, %H: 3.16, %N: 5.03 |
| HPLC Purity | Report Result | 97.47% (240 nm) |
| MS | Conforms to Structure | Conforms |

Additional Information: N/A

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 | Reviewed By | C of A Approved By | Test Date | Retest Date |
|--------------|---------------|--------------------|-----------|-------------|
| Swathi Reddy | Toni Rantanen | Chanell Chu | 5/5/2023 | 5/3/2030 |