



CERTIFICATE OF ANALYSIS

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1. Identification

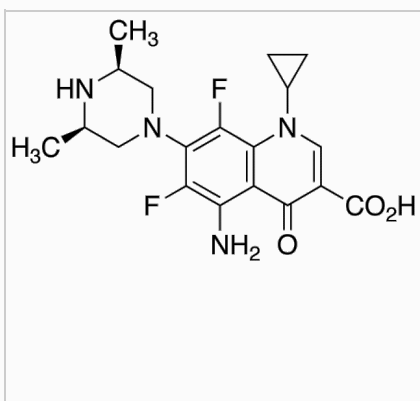
Catalogue Number: S679250

CAS Number: 110871-86-8

Product: Sparfloxacin

Synonym: cis-5-Amino-1-cyclopropyl-7-(3,5-dimethyl-1-piperazinyl)-6,8-difluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acid; Parox; Spara; Sparcin; Zagam;

Structure:



Molecular Formula:

C₁₉H₂₂F₂N₄O₃

Molecular weight:

392.41

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
Chloroform (Slightly), DMSO
(Slightly), Methanol (Sligh

Lot Number: 6-SSR-72-1

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Yellow Solid	Pale Yellow to Light Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.54, %H: 5.64, %N: 14.33
F NMR	Conforms to Structure	Conforms

Additional Information: Elemental Analysis: (Theoretical) %C: 58.16, %H: 5.65, %N: 14.28

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
Hanxiang Li	Toni Rantanen	My Nguyen	11/16/2020	11/14/2030

Hanxiang Li

Toni Rantanen

My Nguyen