



CERTIFICATE OF ANALYSIS

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1. Identification

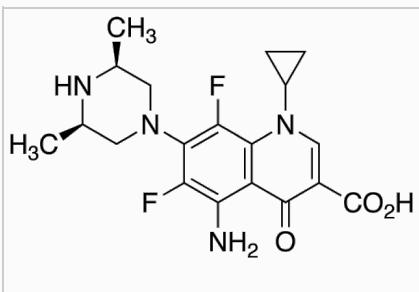
Catalogue Number: S679250

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: 21-SBL-170-1

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:
Elemental Analysis	Conforms	%C: 57.83, %H: 5.65, %N: 14.14
Appearance	Pale Yellow to Yellow Solid	Light Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (225 nm)
Specific Rotation	Report Result	0.0° (c = 0.5, Chloroform)
F NMR	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
Henry Tieu	Toni Rantanen	Chanell Chu	3/21/2022	3/19/2026

