



CERTIFICATE OF ANALYSIS

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1. Identification

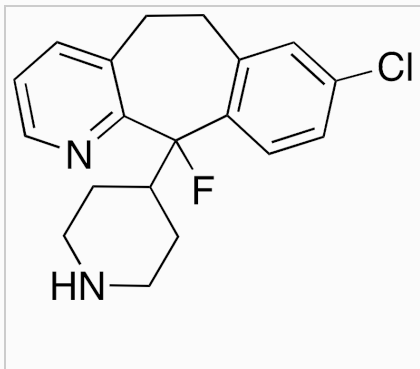
Catalogue Number: F590900

CAS Number: 298220-99-2

Product: 11-Fluoro Desloratadine

Synonym: 8-Chloro-11-fluoro-6,11-dihydro-11-(4-piperidinyl)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine; Desloratadine EP Impurity A

Structure:



Molecular Formula:

C₁₉H₂₀ClFN₂

Molecular weight:

330.83

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 1-MDM-115-3

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:
HPLC Purity	Report Result	99.40% (210 nm)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Appearance	White to Pale Orange Solid	White to Off-White Solid
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 $\pm 2\%$. 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
Evan Burns	Toni Rantanen	Chanell Chu	8/30/2022	8/28/2026