

# CERTIFICATE OF ANALYSIS

(Certificate No. KMD064038-01)

Release Date: 12/12/2024

Re-test Date: 11/12/2027

## N-Nitroso Desloratadine

### Identification

**Chemical Name :**

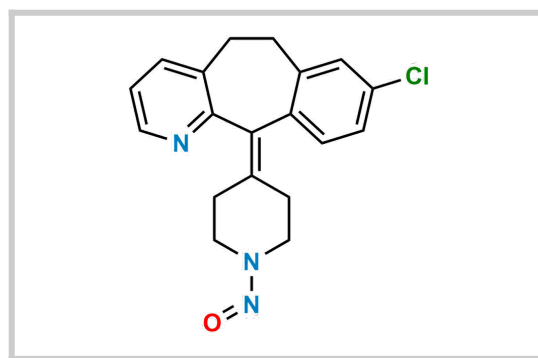
8-Chloro-11-(1-nitrosopiperidin-4-ylidene)-6,11-dihydro-5H-benzo[5,6]cyclohepta[1,2-b]pyridine

CAT No. : KMD064038

CAS No. : 1246819-22-6

Molecular Formula : C<sub>19</sub>H<sub>18</sub>ClN<sub>3</sub>O

Molecular Weight : 339.8



### Analytical Information

Batch No. : D064038-091-084

Description : Off White Solid

HPLC Purity : 99.84 %

Weight Loss By TGA : 0.54 %

% Potency : 99.3 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.54(Weight Loss By TGA)] x [99.84(HPLC Purity)]/100 = 99.3 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/04/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA