CERTIFICATE OF ANALYSIS

(Certificate No. KMD064005-02)

Release Date: 14/10/2026 **Re-test Date:** 13/10/2029

Desloratadine

Identification

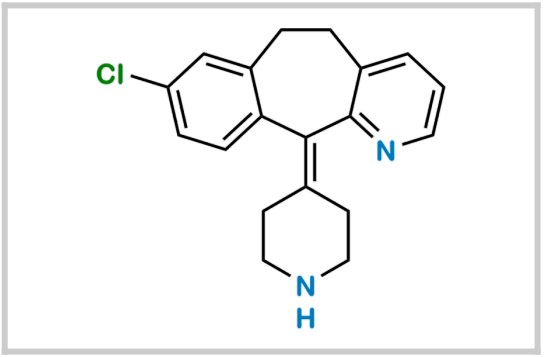
Chemical Name :
8-Chloro-6,11-dihydro-11-(4-piperdinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine ;

CAT No. : KMD064005

CAS No. : 100643-71-8

Molecular Formula : C19H19ClN2

Molecular Weight : 310.8



Analytical Information

Batch No.	: D064005-136-257	**Solubility**	: ACN : Water (1:1)
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.64 %	**IR**	: Confirm
Weight Loss By TGA	: 0.14 %	**1H NMR**	: Confirm
% Potency	: 99.5 %	**13C 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 - 0.14(Weight Loss By TGA)] x [99.64(HPLC Purity)]/100 = 99.5 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		14/10/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA