CERTIFICATE OF ANALYSIS

(Certificate No. KMD064034-01)

Release Date: 31/08/2026 **Re-test Date:** 30/08/2029

Desloratadine N-Hydroxy Impurity

Identification

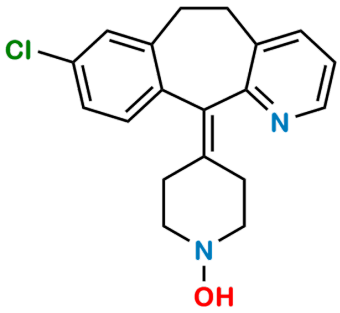
Chemical Name :
8-Chloro-6,11-dihydro-11-(1-hydroxy-4-piperidinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine ;

CAT No. : KMD064034

CAS No. : 1193725-73-3

Molecular Formula : C19H19ClN2O

Molecular Weight : 326.8



Analytical Information

Batch No.	: D064034-136-179	**Solubility**	: ACN : Methanol
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 96.98 %	**IR**	: Confirm
Weight Loss By TGA	: 0.90 %	**1H NMR**	: Confirm
% Potency	: 96.11 %		

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 - 0.90(Weight Loss By TGA)] x [96.98(HPLC Purity)]/100 = 96.11 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		31/08/2026

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