CERTIFICATE OF ANALYSIS

(Certificate No. KMD064031-01)

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

Desloratadine Methanone Impurity

Identification

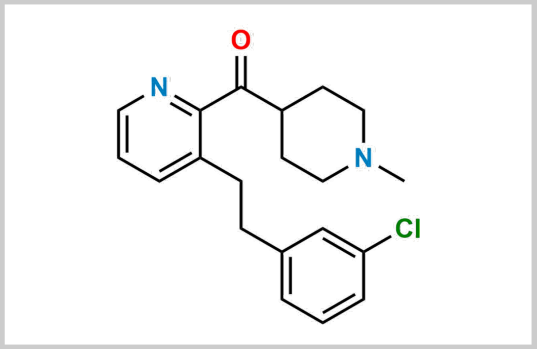
Chemical Name :
(3-(3-Chlorophenethyl)pyridin-2-yl)(1-methylpiperidin-4-yl)methanone

CAT No. : KMD064031

CAS No. : 130642-50-1

Molecular Formula : C20H23ClN2O

Molecular Weight : 342.9



Analytical Information

Batch No.	: D064031-073-420	**Solubility**	: Acetonitrile
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 99.76 %	**IR**	: Confirm
Weight Loss By TGA	: 4.31 %	**1H NMR**	: Confirm
% Potency	: 95.46 %		

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 - 4.31(Weight Loss By TGA)] x [99.76(HPLC Purity)]/100 = 95.46 %
-Re-tested on 31.08.2026

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