

CERTIFICATE OF ANALYSIS

(Certificate No. KMD064031-01)

Release Date: 21/10/2024

Re-test Date: 20/10/2027

Loratadine Ketone Impurity

Identification

Chemical Name :

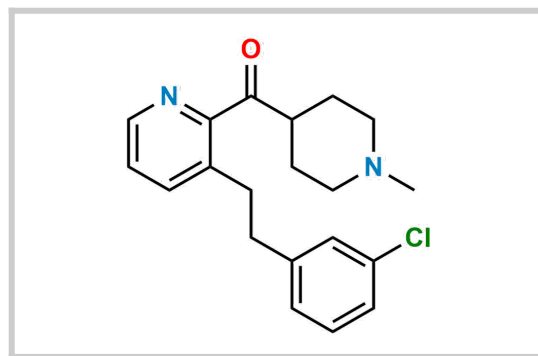
(3-(3-Chlorophenethyl)pyridin-2-yl)(1-methylpiperidin-4-yl)methanone

CAT No. : KMD064031

CAS No. : 130642-50-1

Molecular Formula : C₂₀H₂₃ClN₂O

Molecular Weight : 342.9



Analytical Information

Batch No. : D064031-073-420

Description : Light Brown Solid

HPLC Purity : 99.88 %

Weight Loss By TGA : 4.28 %

% Potency : 95.61 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 4.28(Weight Loss By TGA)] x [99.88(HPLC Purity)]/100 = 95.61 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		15/02/2025

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