

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016002-01)

Release Date: 01/06/2024

Re-test Date: 31/05/2027

Clotrimazole Impurity 3

Identification

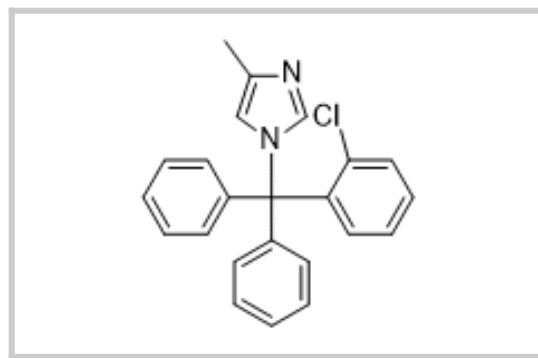
Chemical Name :
1-((2-chlorophenyl)diphenylmethyl)-4-methyl-1H-imidazole

CAT No. : KMC016002

CAS No. : 289887-34-9

Molecular Formula : C₂₃H₁₉ClN₂

Molecular Weight : 358.86



Analytical Information

Batch No. : CLO-IMP-3-073-234

Solubility : ACN

Description : Off White solid

Mass : Confirm

HPLC Purity : 99.45 %

IR : Confirm

Weight Loss By TGA : 0.94 %

¹H NMR : Confirm

% Potency : 98.52 %

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 - 0.94(Weight Loss By TGA)] x [99.45(HPLC Purity)]/100 = 98.52 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/06/2024
Reviewed & Approved By	Quality Control	Parag Patel		01/06/2024

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