CERTIFICATE OF ANALYSIS

(Certificate No. KMC016002-01)

Release Date: 01/06/2024 **Re-test Date:** 31/05/2027

Clotrimazole Impurity 3

Identification

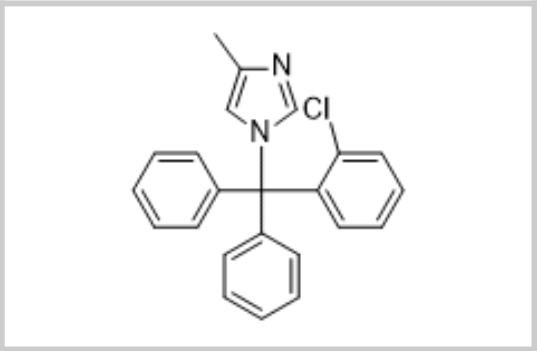
Chemical Name :
1-((2-chlorophenyl)diphenylmethyl)-4-methyl-1H-imidazole

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