CERTIFICATE OF ANALYSIS

(Certificate No. KMC016010-01)

Release Date: 25/06/2025 **Re-test Date:** 24/06/2028

Clotrimazole Impurity - B

Identification

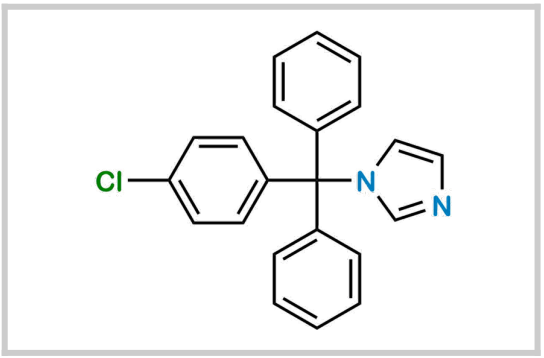
Chemical Name :
1-[(4-Chlorophenyl)diphenylmethyl]-1H-imidazole; 1-(p-Chloro-α,α-diphenylbenzyl)imidazole; 1-[(p-Chlorophenyl)diphenylmethyl]imidazole;

CAT No. : KMC016010

CAS No. : 23593-71-7

Molecular Formula : C22H17ClN2

Molecular Weight : 344.8



Analytical Information

Batch No. : C016010-102-076

Description : Off White Solid

HPLC Purity : 98.97 %

Weight Loss By TGA : 0.49 %

% Potency : 98.49 %

Solubility : Acetonitrile

Mass : Confirm as Sodium adduct

IR : Confirm

1H NMR : Confirm

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 - 0.49(Weight Loss By TGA)] x [98.97(HPLC Purity)]/100 = 98.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Payal Kapuriya		26/06/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		26/06/2025

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