

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016011-01)

Release Date: 19/07/2025

Re-test Date: 18/07/2028

Clotrimazole Impurity C

Identification

Chemical Name :

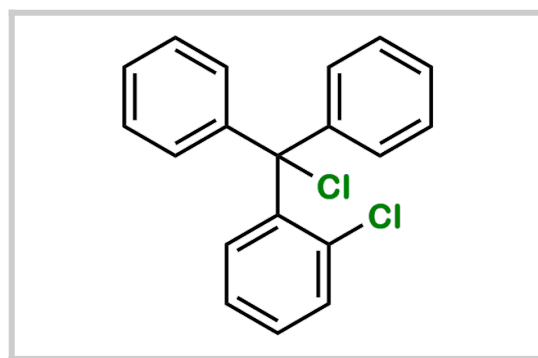
1-Chloro-2-(chlorodiphenylmethyl)benzene

CAT No. : KMC016011

CAS No. : 42074-68-0

Molecular Formula : C₁₉H₁₄Cl₂

Molecular Weight : 313.2



Analytical Information

Batch No. : C016011-102-126

Description : Off White Solid

HPLC Purity : 99.77 %

Weight Loss By TGA : 0.15 %

% Potency : 99.62 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage and store under nitrogen

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.15(Weight Loss By TGA)] x [99.77(HPLC Purity)]/100 = 99.62 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Payal Kapuriya		29/07/2025
Reviewed & Approved By	Quality Control	Viraj Akabari		29/07/2025

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