

CERTIFICATE OF ANALYSIS

(Certificate No. KMC015002-01)

Release Date: 09/05/2024

Re-test Date: 08/05/2027

Clomipramine 5-Acetyl-3-chloroiminodibenzyl STD

Identification

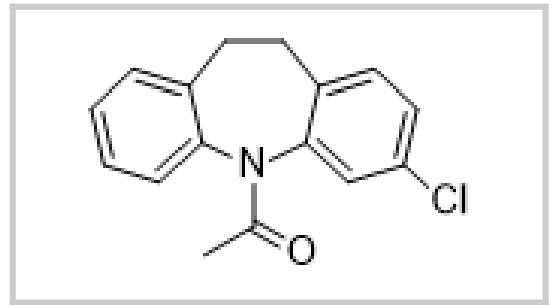
Chemical Name :
1-(3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)ethanone

CAT No. : KMC015002

CAS No. : 25961-11-9

Molecular Formula : C₁₆H₁₄ClNO

Molecular Weight : 271.74



Analytical Information

Batch No. : CLO-5A-3C-073-198

Description : Off White Solid

HPLC Purity : 99.42 %

Weight Loss By TGA : 0.28 %

% Potency : 99.14 %

Solubility : ACN

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 = $[100 - 0.28(\text{Weight Loss By TGA})] \times [99.42(\text{HPLC Purity})]/100 = 99.14 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		10/05/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA