

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 :

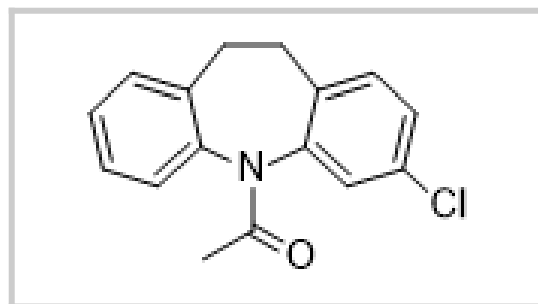
1-(3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)ethanone

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(Weight Loss By TGA)] x [99.42(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, ¹HNMR, IR and TGA