CERTIFICATE OF ANALYSIS

(Certificate No. KMC015001-01)

Release Date: 09/05/2024 **Re-test Date:** 08/05/2027

Clomipramine 5-Acetyl Iminodibenzyl Impurity

Identification

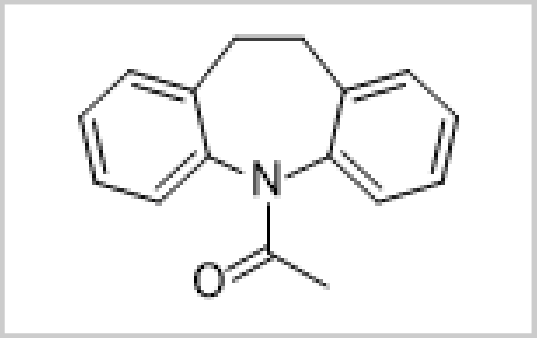
Chemical Name :
1-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)ethanone

CAT No. : KMC015001

CAS No. : 13080-75-6

Molecular Formula : C16H15NO

Molecular Weight : 237.30



Analytical Information

Batch No.	: CLO-IMP-16-073-197	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.89 %	**IR**	: Confirm
Weight Loss By TGA	: 0.05 %	**1H NMR**	: Confirm
% Potency	: 97.84 %		

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 - 0.05(Weight Loss By TGA)] x [97.89(HPLC Purity)]/100 = 97.84 %

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