CERTIFICATE OF ANALYSIS

(Certificate No. KMC017011-01)

Release Date: 12/12/2024 **Re-test Date:** 11/12/2027

5-acetyl-8-chloro-5H-dibenzo[b,e][1,4]diazepine-11(10H)-one

Identification

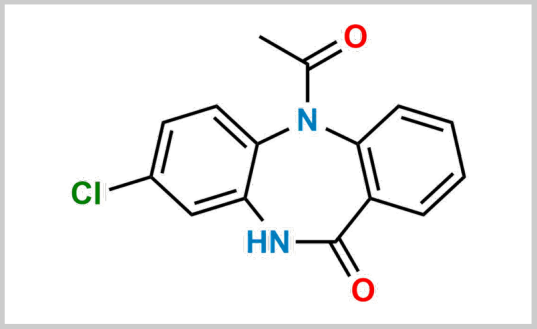
Chemical Name :
5-Acetyl-8-chloro-5,10-dihydro-11H-dibenzo[b,e][1,4]diazepin-11-one

CAT No. : KMC017011

CAS No. : 2518150-45-1

Molecular Formula : C15H11ClN2O2

Molecular Weight : 286.7



Analytical Information

Batch No.	: C017011-091-079	**Solubility**	: Methanol
Description	: Grey Solid	**Mass**	: Confirm
HPLC Purity	: 97.35 %	**IR**	: Confirm
Weight Loss By TGA	: 0.22 %	**1H NMR**	: Confirm
% Potency	: 97.14 %	**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 - 0.22(Weight Loss By TGA)] x [97.35(HPLC Purity)]/100 = 97.14 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		12/12/2024

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