CERTIFICATE OF ANALYSIS

(Certificate No. KMC017006-01)

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

Chlorodibenzodiazepinone

Identification

Chemical Name :
8-chloro-5,10-dihydro-11H-dibenzo[b,e][1,4]diazepin-11-one (as per EP)

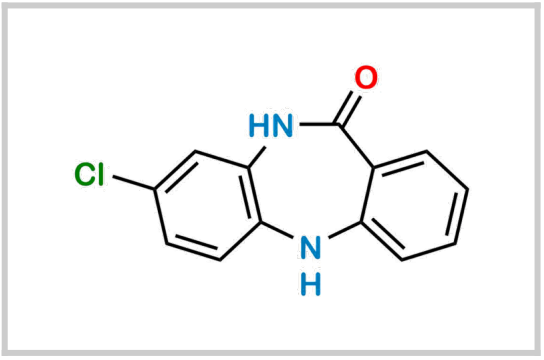
Alt. Name : Clozapine impurity C (USP) ; Clozapine impurity-A (As per IP) ; Clozapine EP Impurity A (As per EP)

CAT No. : KMC017006

CAS No. : 50892-62-1

Molecular Formula : C13H9ClN2O

Molecular Weight : 244.7



Analytical Information

Batch No.	: C017006-091-078	**Solubility**	: Methanol
Description	: Grey Solid	**Mass**	: Confirm
HPLC Purity	: 99.82 %	**IR**	: Confirm
Weight Loss By TGA	: 0.13 %	**1H NMR**	: Confirm
% Potency	: 99.69 %	**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 - 0.13(Weight Loss By TGA)] x [99.82(HPLC Purity)]/100 = 99.69 %

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