

CERTIFICATE OF ANALYSIS

(Certificate No. KMC017001-01)

Release Date: 12/12/2024

Re-test Date: 11/12/2027

Clozapine PRS

Identification

Chemical Name :

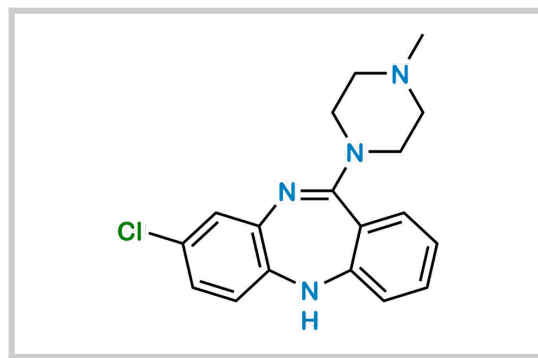
8-Chloro-11-(4-methylpiperazin-1-yl)-5H-dibenzo[b,e][1,4]diazepine (as per EP)

CAT No. : KMC017001

CAS No. : 5786-21-0

Molecular Formula : C₁₈H₁₉ClN₄

Molecular Weight : 326.8



Analytical Information

Batch No. : C017001-091-077

Description : Light Yellow Solid

HPLC Purity : 99.48 %

Weight Loss By TGA : 0.30 %

% Potency : 99.18 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.30(Weight Loss By TGA)] x [99.48(HPLC Purity)]/100 = 99.18 %

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, ¹H NMR, ¹³C NMR, IR and TGA