

CERTIFICATE OF ANALYSIS

(Certificate No. KMC013001-01)

Release Date: 10/08/2024

Re-test Date: 09/08/2027

Chlorpromazine Impurity B

Identification

Chemical Name :

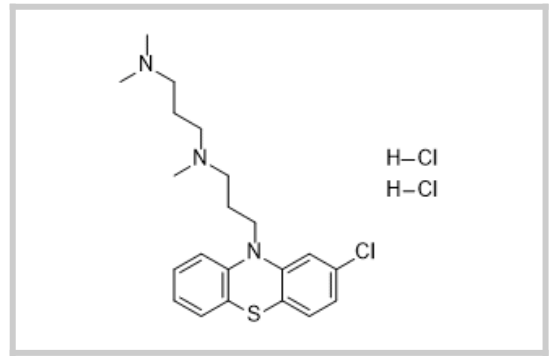
N1-(3-(2-chloro-10H-phenothiazin-10-yl)propyl)-N1,N3,N3-trimethylpropane-1,3-diamine dihydrochloride

CAT No. : KMC013001

CAS No. : 2512203-91-5

Molecular Formula : C₂₁H₂₈ClN₃S : 2(HCl)

Molecular Weight : 389.99 : 2(36.5)



Analytical Information

Batch No. : CHL-EPB-073-327

Description : Off White Solid

HPLC Purity : 98.89 %

Weight Loss By TGA : 0.42 %

% Potency : 98.47 %

Solubility : ACN : Water (1:1)

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 - 0.42(Weight Loss By TGA)] x [98.89(HPLC Purity)]/100 = 98.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		10/08/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA