

CERTIFICATE OF ANALYSIS

(Certificate No. KMO007030-01)

Release Date: 12/11/2022

Re-test Date: 11/11/2025

N-Chloromethyl Olanzapine Chloride

Identification

Chemical Name :

1-(Chloromethyl)-1-methyl-4-(2-methyl-10H-thieno[2,3-b][1,5]benzodiazepin-4-yl)piperazin-1-ium chloride (as per EP); 1-Chloromethyl-1-methyl-4-(2-methyl-10H-benzo[b]thieno[2,3-e][1,4]diazepin-4-yl)piperazin-1-ium chloride (as per USP)

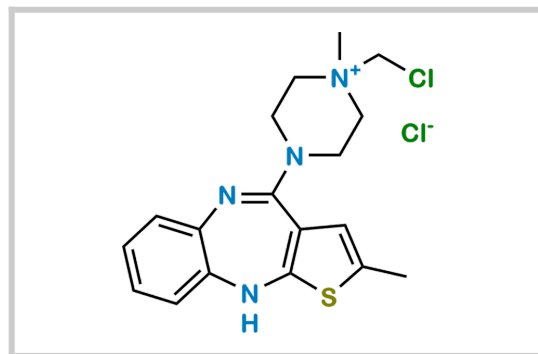
Alt. Name : Chloromethyl Olanzapinium chloride

CAT No. : KMO007030

CAS No. : 719300-59-1

Molecular Formula : C₁₈H₂₂ClN₄S : Cl

Molecular Weight : 361.9 : 35.5



Analytical Information

Batch No. : OLA-EPC-030-331

Description : Off White Solid

HPLC Purity : 97.99 %

% Potency : 97.99 %

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 -] x [97.99(HPLC Purity)]/100 = 97.99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/03/2025

Attachments : COA, HPLC, MASS, ¹HNMR, and IR