CERTIFICATE OF ANALYSIS

(Certificate No. KMO007030-01)

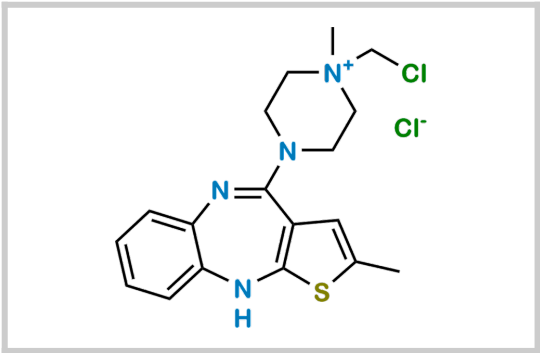
Release Date: 23/10/2026 **Re-test Date:** 22/10/2029

Olanzapine EP Impurity C

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	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.71 %	**IR**	: Confirm
Weight Loss By TGA	: 0.38 %	**1H NMR**	: Confirm
% Potency	: 97.34 %	**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 - 0.38(Weight Loss By TGA)] x [97.71(HPLC Purity)]/100 = 97.34 %
-Re-tested on 23.10.2026
-13CNMR added on 23.10.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/10/2026

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