

CERTIFICATE OF ANALYSIS

(Certificate No. KMO007001-01)

Release Date: 10/10/2023

Re-test Date: 09/10/2026

N-Desmethyl Olanzapine

Identification

Chemical Name :

2-methyl-4-(piperazin-1-yl)-10H-benzo[b]thieno[2,3-e][1,4]diazepine

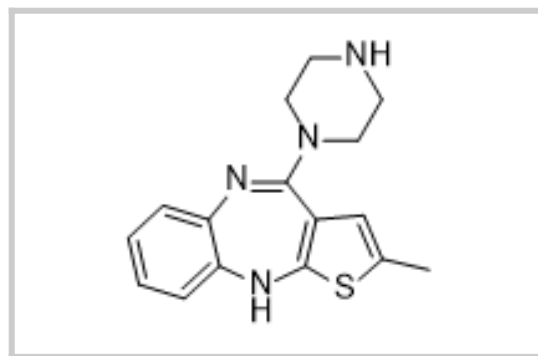
Alt. Name : 4'-Desmethylolanzapine ;
Desmethylolanzapine

CAT No. : KMO007001

CAS No. : 161696-76-0

Molecular Formula : C₁₆H₁₈N₄S

Molecular Weight : 298.41



Analytical Information

Batch No. : OLA-DES-045-003

Description : Yellow Solid

HPLC Purity : 96.64 %

Weight Loss By TGA : 1.11 %

% Potency : 95.57 %

Solubility : Methanol

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 - 1.11(Weight Loss By TGA)] x [96.64(HPLC Purity)]/100 = 95.57 %

Remarks : COA Re-generated on 26.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/06/2024

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