

CERTIFICATE OF ANALYSIS

(Certificate No. KMO007032-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

Olanzapine Hydroxy Impurity

Identification

Chemical Name :

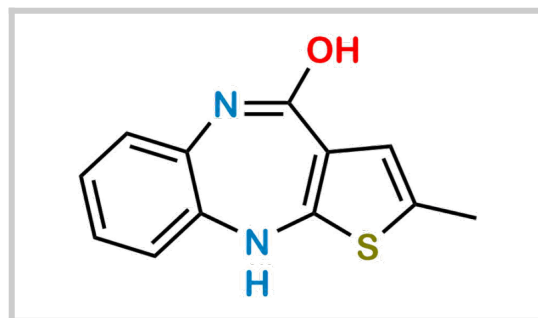
2-Methyl-10H-benzo[b]thieno[2,3-e][1,4]diazepin-4-ol

CAT No. : KMO007032

CAS No. : Not Available

Molecular Formula : C₁₂H₁₀N₂OS

Molecular Weight : 230.3



Analytical Information

Batch No. : OLA-EPB-073-263

Description : Yellow Solid

HPLC Purity : 99.74 %

Weight Loss By TGA : 1.30 %

% Potency : 98.44 %

Solubility : Acetonitrile

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 = $[100 - 1.30(\text{Weight Loss By TGA})] \times [99.74(\text{HPLC Purity})]/100 = 98.44 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/04/2025

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