

CERTIFICATE OF ANALYSIS

(Certificate No. KMZ002017-01)

Release Date: 27/12/2025

Re-test Date: 26/12/2028

ZIPRASIDONE RELATED COMPOUND D

Identification

Chemical Name :

3-(1,2-Benzisothiazol-3-yl)-5-[2-[4-(1,2-benzisothiazol-3-yl)piperazin-1-yl]ethyl]-6-chloro-1,3-dihydro-2H-indol-2-one (as per EP) ; 3-(Benzoisothiazol-3-yl)-5-{2-[4-(benzoisothiazol-3-yl)piperazin-1-yl]ethyl}-6-chloroindolin-2-one (as per USP)

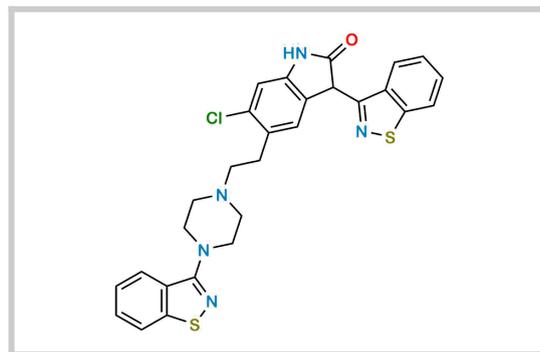
Alt. Name : Ziprasidone USP Related Compound D

CAT No. : KMZ002017

CAS No. : 1159977-04-4

Molecular Formula : C₂₈H₂₄ClN₅O₂

Molecular Weight : 546.1



Analytical Information

Batch No. : ZIP-RC-D-045-228

Description : Light Yellow Solid

HPLC Purity : 95.20 %

Weight Loss By TGA : 2.02 %

% Potency : 93.28 %

Solubility : THF

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 - 2.02(Weight Loss By TGA)] x [95.20(HPLC Purity)]/100 = 93.28 %
-Re-tested on 27.12.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/12/2025

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