CERTIFICATE OF ANALYSIS

(Certificate No. KMZ002017-01)

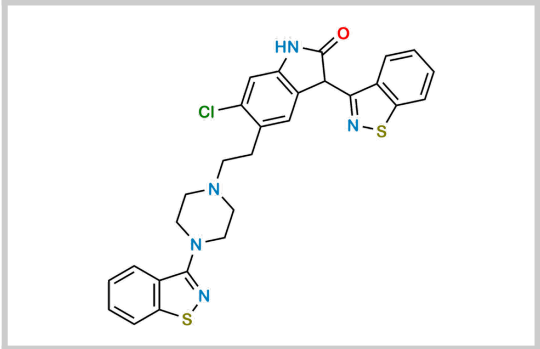
Release Date: 27/12/2025 **Re-test Date:** 26/12/2028

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	: C28H24ClN5OS2
Molecular Weight	: 546.1



Analytical Information

Batch No.	: ZIP-RC-D-045-228	**Solubility**	: THF
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 95.20 %	**IR**	: Confirm
Weight Loss By TGA	: 2.02 %	**1H NMR**	: Confirm
% Potency	: 93.28 %		

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, 1HNMR, IR and TGA