

CERTIFICATE OF ANALYSIS

(Certificate No. KMZ002003-01)

Release Date: 03/08/2024

Re-test Date: 02/08/2027

PBT FREE BASE

Identification

Chemical Name :

3-piperazin-1-yl-1,2-benzisothiazole

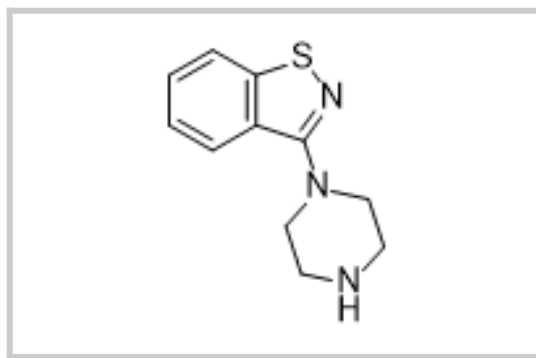
Alt. Name : Ziprasidone USP Related Compound A

CAT No. : KMZ002003

CAS No. : 87691-87-0

Molecular Formula : C₁₁H₁₃N₃S

Molecular Weight : 219.31



Analytical Information

Batch No. : ZIP-RCA-073-315

Solubility : ACN

Description : Light Yellow Solid

Mass : Confirm

HPLC Purity : 99.98 %

IR : Confirm

Weight Loss By TGA : 2.70

¹H NMR : Confirm

% Potency : 97.28 %

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 - 2.70(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 97.28 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		03/08/2024

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