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

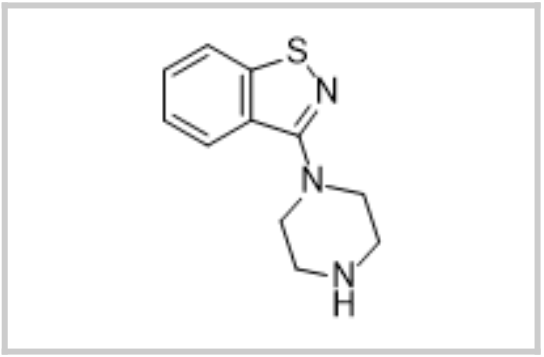
Alt. Name : Ziprasidone USP Related Compound A

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, 1HNMR, IR and TGA