

CERTIFICATE OF ANALYSIS

(Certificate No. KML006001-01)

Release Date: 05/03/2024

Re-test Date: 04/03/2027

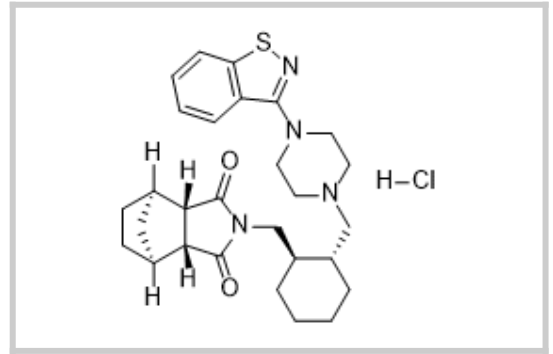
Lurasidone Hydrochloride PRS

Identification

Chemical Name :

(3aR,4S,7R,7aS)-2-(((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)cyclohexyl)methyl)hexahydro-1H-4,7-methanoisoindole-1,3(2H)-dione hydrochloride

CAT No. : KML006001
CAS No. : 367514-88-3
Molecular Formula : C₂₈H₃₆N₄O₂S : HCl
Molecular Weight : 492.68 : 36.5



Analytical Information

Batch No.	: LUR-WRS-045-215	Solubility	: ACN
Description	: White Solid	Mass	: Confirm
HPLC Purity	: 99.91 %	IR	: Confirm
Weight Loss By TGA	: 0.04 %	¹ H NMR	: Confirm
% Potency	: 99.87 %		

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 = $[100 - 0.04(\text{Weight Loss By TGA})] \times [99.91(\text{HPLC Purity})]/100 = 99.87 \%$
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		05/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/03/2024

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