

CERTIFICATE OF ANALYSIS

(Certificate No. KML006026-01)

Release Date: 26/03/2025

Re-test Date: 25/03/2028

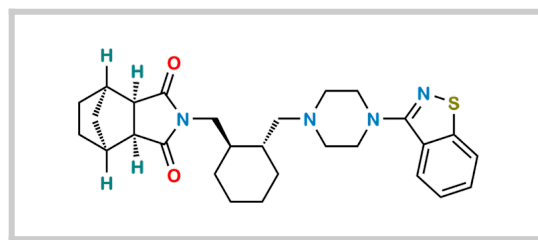
Endo Lurasidone

Identification

Chemical Name :

(3aR,4R,7S,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

CAT No. : KML006026
CAS No. : 1318074-25-7
Molecular Formula : C₂₈H₃₆N₄O₂S
Molecular Weight : 492.7



Analytical Information

Batch No.	: LUR-ENDO-019-022	Solubility	: Methanol
Description	: Off White Solid	Mass	: Confirm
HPLC Purity	: 95.82 %	IR	: Confirm
Weight Loss By TGA	: 0.99 %	¹ H NMR	: Confirm
% Potency	: 94.87 %	¹³ C 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 - 0.99(Weight Loss By TGA)] x [95.82(HPLC Purity)]/100 = 94.87 %

-Re-tested on 26.03.2025

-¹³CNMR Aanalysis added on 10.05.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/05/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA