

CERTIFICATE OF ANALYSIS

(Certificate No. KML006034-01)

Release Date: 29/10/2025

Re-test Date: 28/10/2028

UNSATURATED IMPUIRITY LURASIDONE

Identification

Chemical Name :

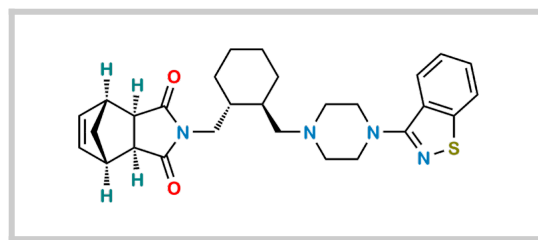
(3aR,4R,7S,7aS)-2-(((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)cyclohexyl)methyl)-3a,4,7,7a-tetrahydro-1H-4,7-methanoisindole-1,3(2H)-dione

CAT No. : KML006034

CAS No. : NA

Molecular Formula : C₂₈H₃₄N₄O₂S

Molecular Weight : 490.7



Analytical Information

Batch No. : L006034-073-375

Description : Off White Solid

HPLC Purity : 99.85 %

Weight Loss By TGA : 1.12 %

% Potency : 98.73 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H 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 - 1.12(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 98.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/10/2025

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