CERTIFICATE OF ANALYSIS

(Certificate No. KML006026-01)

Release Date: 26/03/2025 **Re-test Date:** 25/03/2028

Endo Lurasidone

Identification

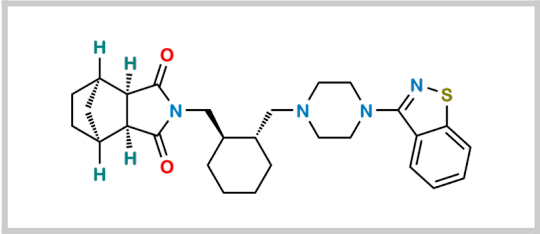
Chemical Name :
(3aR,4R,7S,7aS)-2-(((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)cyclohexyl)methyl)hexahydro-1H-4,7-methanoisoindole-1,3(2H)-dione

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 %	**1H NMR**	: Confirm
% Potency	: 94.87 %	**13C 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