CERTIFICATE OF ANALYSIS

(Certificate No. KML006036-01)

Release Date: 12/05/2025 **Re-test Date:** 11/05/2028

Lurasidone Related Compund B

Identification

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

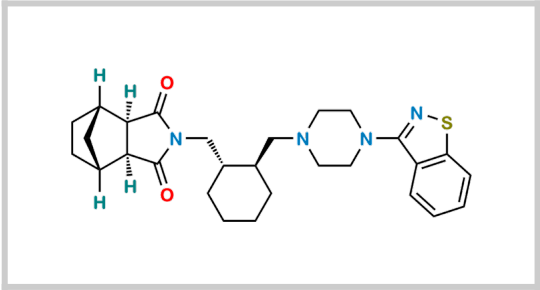
Alt. Name : Lurasidone Enantiomer

CAT No. : KML006036

CAS No. : 1448443-35-3

Molecular Formula : C28H36N4O2S

Molecular Weight : 492.7



Analytical Information

Batch No.	: L006036-102-020	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.91 %	**IR**	: Confirm
Weight Loss By TGA	: 0.28 %	**1H NMR**	: Confirm
% Potency	: 99.63 %	**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 - 0.28(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		13/05/2025

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