

# CERTIFICATE OF ANALYSIS

(Certificate No. KML006026-01)

Release Date: 26/03/2025

Re-test Date: 25/03/2028

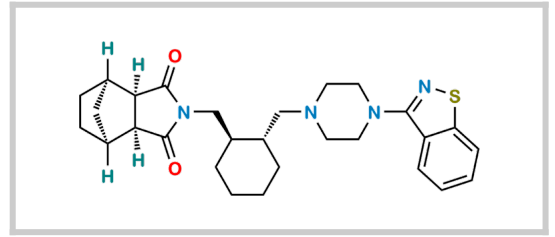
## Endo Lurasidone

### 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 : C<sub>28</sub>H<sub>36</sub>N<sub>4</sub>O<sub>2</sub>S  
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 %		

### 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  
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/03/2025

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