

# CERTIFICATE OF ANALYSIS

(Certificate No. KML006028-01)

Release Date: 30/08/2025

Re-test Date: 29/08/2028

## LURASIDONE ENDO IMIDE

### Identification

**Chemical Name :**

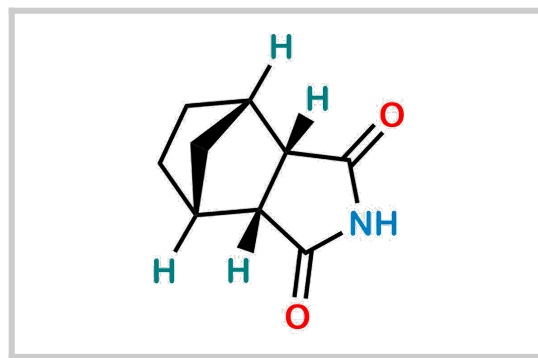
Lurasidone Endo KSM-III Impurity ; (3aR,4R,7S,7aS)-hexahydro-1H-4,7-methanoisoindole-1,3(2H)-dione

CAT No. : KML006028

CAS No. : 28871-95-6

Molecular Formula : C<sub>9</sub>H<sub>11</sub>NO<sub>2</sub>

Molecular Weight : 165.2



### Analytical Information

Batch No. : LUR-IMP-2-019-137

Description : White Solid

HPLC Purity : 97.51 %

Weight Loss By TGA : 1.99 %

% Potency : 95.57 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 1.99(Weight Loss By TGA)] x [97.51(HPLC Purity)]/100 = 95.57 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/08/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA