

CERTIFICATE OF ANALYSIS

(Certificate No. KML006005-01)

Release Date: 14/08/2024

Re-test Date: 13/08/2027

Lurasidone LRSRC-5 Impurity

Identification

Chemical Name :

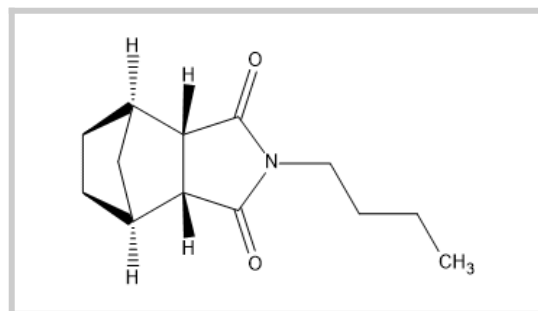
(3aR,4S,7R,7aS)-2-butylhexahydro-1H-4,7-methanoisindole-1,3(2H)-dione

CAT No. : KML006005

CAS No. : Not Available

Molecular Formula : C₁₃H₁₉NO₂

Molecular Weight : 221.30



Analytical Information

Batch No. : LRSRC-5-073-339

Solubility : ACN

Description : Light Yellow Liquid

Mass : Confirm

HPLC Purity : 99.68 %

IR : Confirm

Weight Loss By TGA : 0.64 %

¹H NMR : Confirm

% Potency : 99.04 %

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 - 0.64(Weight Loss By TGA)] x [99.68(HPLC Purity)]/100 = 99.04 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/08/2024

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