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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

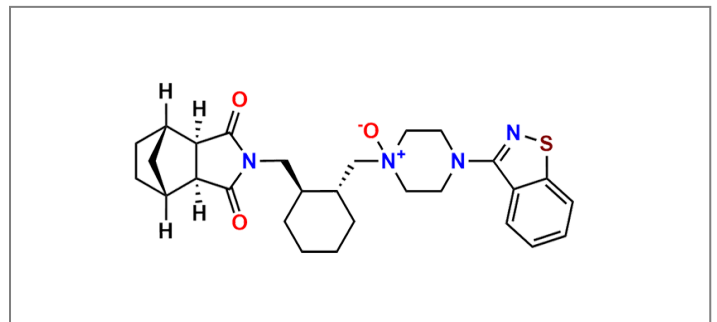
Re-test Date: Sep 2027

**Product Name: Lurasidone Piperazine N-oxide**

### Identification:

Chemical Name: 4-(Benzo[d]isothiazol-3-yl)-1-(((1R,2R)-2-(((3aR,4S,7R,7aS)-1,3-dioxooctahydro-2H-4,7-methanoisindol-2-yl)methyl)cyclohexyl)methyl)piperazine 1-oxide

Synonyms : NA  
CAS Number : 1574569-32-6  
CAT Number : CP-L4013  
Molecular Formula : C<sub>28</sub>H<sub>36</sub>N<sub>4</sub>O<sub>3</sub>S  
Molecular Weight : 508.68  
Batch Number : CP-LUR-PNO-1024  
Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White to White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.43%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.