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## CERTIFICATE OF ANALYSIS

Analysis Date:

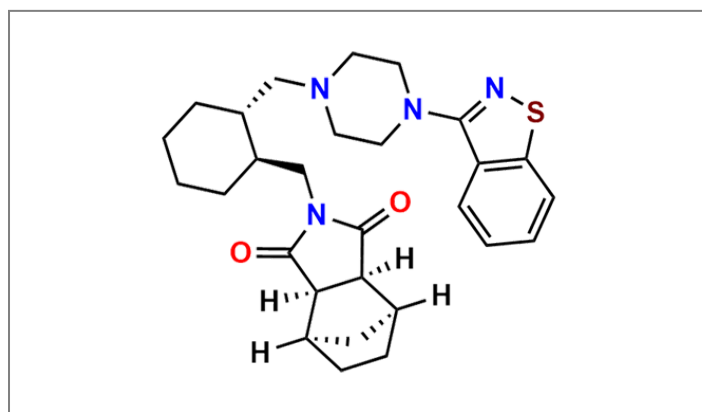
Re-test Date:

**Product Name: Lurasidone Impurity 50**

### Identification:

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

Synonyms : NA  
CAS Number : 194861-74-0  
CAT Number : CP-L4056  
Molecular Formula : C<sub>28</sub>H<sub>36</sub>N<sub>4</sub>O<sub>2</sub>S  
Molecular Weight : 492.68



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.