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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Lurasidone DP 5 Impurity**

#### Identification:

Chemical Name: (3aR,4S,7R,7aS)-2-(((1R,2R)-2-((4-(1,1-dioxido-4,5-divinylisothiazol-3-yl)piperazin-1-yl)methyl)cyclohexyl)methyl)hexahydro-1H-4,7-methanoisindole-1,3(2H)-dione

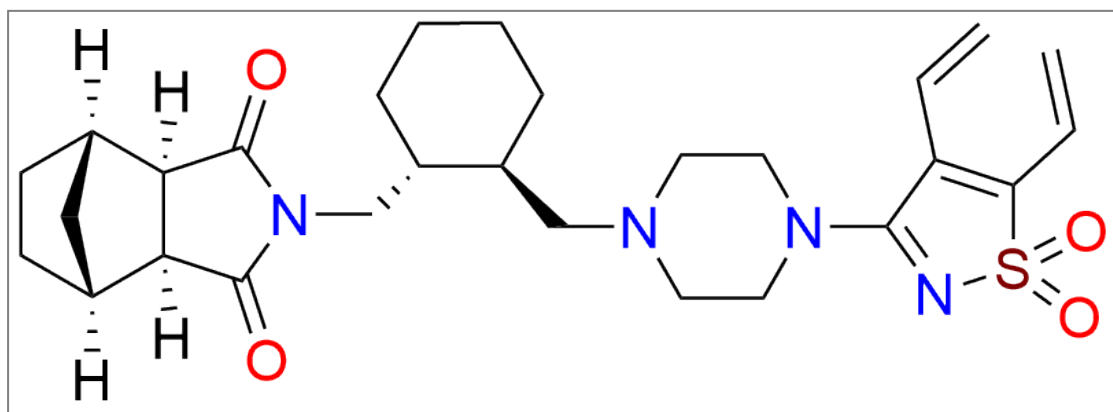
Synonyms : NA

CAS Number : NA

CAT Number : CP-L4015

Molecular Formula : C<sub>28</sub>H<sub>36</sub>N<sub>4</sub>O<sub>4</sub>S

Molecular Weight : 524.68



#### 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.