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## CERTIFICATE OF ANALYSIS

Analysis Date:

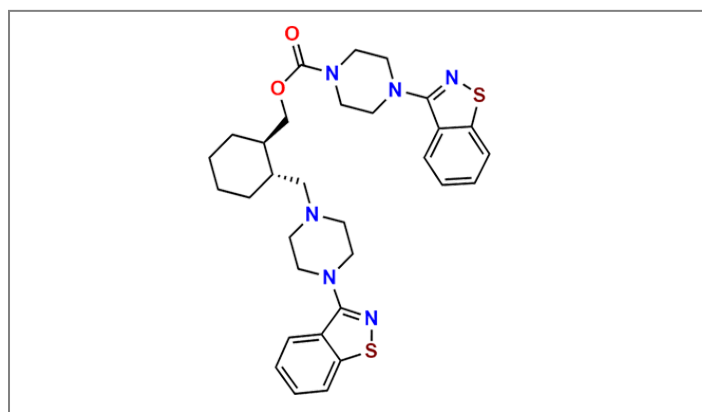
Re-test Date:

**Product Name: Lurasidone Impurity 7**

### Identification:

Chemical Name: [(1R,2R)-2-[[4-(1,2-benzisothiazol-3-yl)-1-piperazinyl]methyl]cyclohexyl]methyl ester 4-(1,2-benzisothiazol-3-yl)-1-Piperazinecarboxylic acid

Synonyms : NA  
CAS Number : 1807983-63-6  
CAT Number : CP-L4037  
Molecular Formula : C<sub>31</sub>H<sub>38</sub>N<sub>6</sub>O<sub>2</sub>S<sub>2</sub>  
Molecular Weight : 590.81



### 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.