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### CERTIFICATE OF ANALYSIS

Analysis Date:

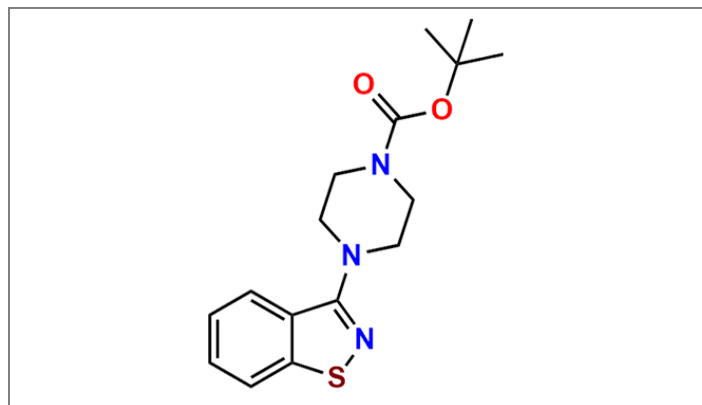
Re-test Date:

**Product Name: Ziprasidone Impurity 5**

#### Identification:

Chemical Name: tert-butyl 4-(benzo[d]isothiazol-3-yl)piperazine-1-carboxylate

Synonyms : NA  
CAS Number : 131779-46-9  
CAT Number : CP-Z3022  
Molecular Formula : C<sub>16</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>S  
Molecular Weight : 319.42



#### 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.