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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Lurasidone impurity 35**

#### Identification:

Chemical Name: 2-(piperazin-1-yl)benzo[d]thiazole

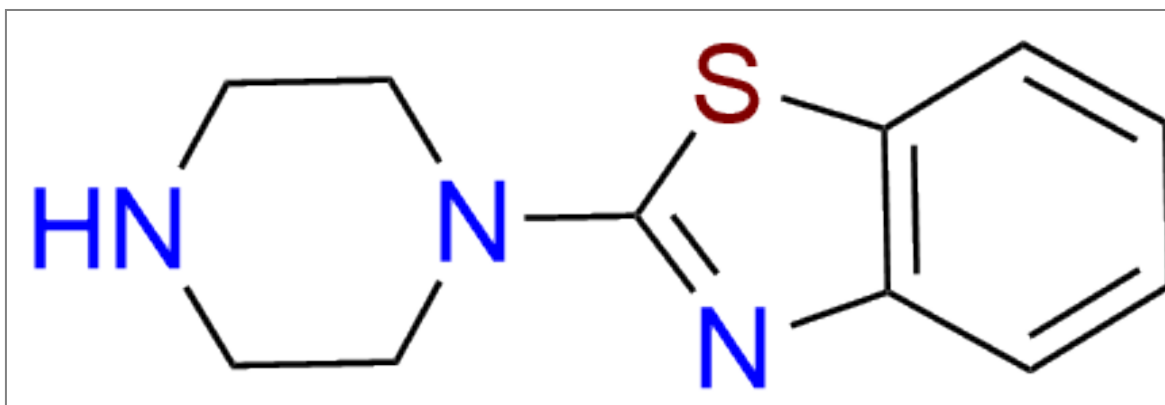
Synonyms : NA

CAS Number : 55745-83-0

CAT Number : CP-L4007

Molecular Formula : C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>S

Molecular Weight : 219.31



#### 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.