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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

Product Name: Lurasidone Impurity 4

Identification:

Chemical Name: ((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-yl)methyl)cyclohexyl)methanamine dihydrochloride

Synonyms : Lurasidone Aminomethyl
Impurity

CAS Number : 1260025-93-1

CAT Number : CP-L4036

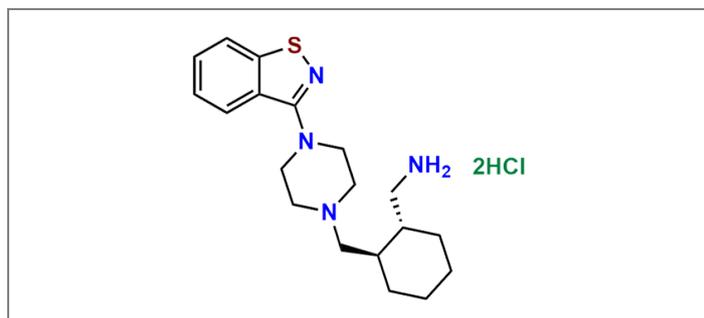
Molecular Formula : C₁₉H₂₈N₄S : 2(HCl)

Molecular Weight : 344.52 : 2(36.46)

Batch Number : CP-25-134-F

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown solid
2)	Solubility	MeOH/DMSO
3)	MASS By LCMS	Confirm to Structure By Mass
4)	Purity by HPLC	98.56%
5)	¹ HNMR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.