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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Vortioxetine Impurity 72

Identification:

Chemical Name: 1,4-bis(2-chloroethyl)piperazine hydrochloride (1:2)

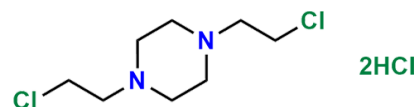
Synonyms : NA

CAS Number : 1428-92-8

CAT Number : CP-V36080

Molecular Formula : C₈H₁₆Cl₂N₂ : 2(HCl)

Molecular Weight : 211.13 : 2(36.46)



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.