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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Vortioxetine Impurity 70**

### Identification:

Chemical Name: 4-(2-chloroethyl)morpholine hydrochloride

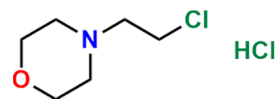
Synonyms : NA

CAS Number : 3647-69-6

CAT Number : CP-V36082

Molecular Formula : C<sub>6</sub>H<sub>12</sub>ClNO : HCl

Molecular Weight : 149.62 : 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.