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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Vortioxetine Impurity 36**

### Identification:

Chemical Name: N1-(2-Chloroethyl)-N2-(2-((2,4-dimethylphenyl)thio)phenyl)ethane-1,2-diamine

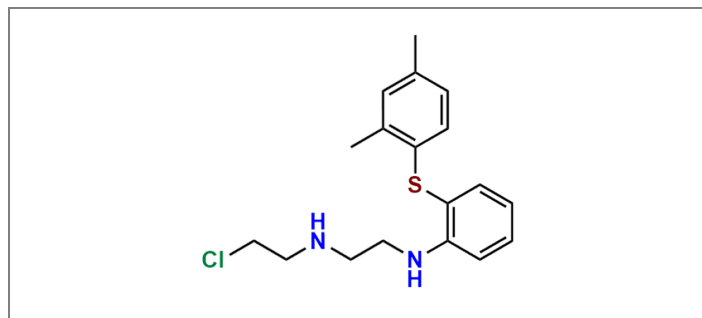
Synonyms : NA

CAS Number : 1928741-88-1

CAT Number : CP-V36043

Molecular Formula : C<sub>18</sub>H<sub>23</sub>ClN<sub>2</sub>S

Molecular Weight : 334.91



### 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.