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## **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

## **Product Name: Vortioxetine Impurity 77**

## Identification:

Chemical Name: 2-((2,4-dimethylphenyl)thio)benzene-1,3-diamine

Synonyms	: NA	
CAS Number	: NA	
CAT Number	: CP-V36075	NH <sub>2</sub>
Molecular Formula	: C14H16N2S	s s
Molecular Weight	: 244.36	H <sub>2</sub> N

## **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.