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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Nizatidine EP Impurity C**

### Identification:

Chemical Name: (EZ)-N-[2-[[[2-[(dimethylamino)methyl]thiazol-4-yl]methyl]sulfinyl]ethyl]-N'-methyl-2-nitroethene-1,1-diamine

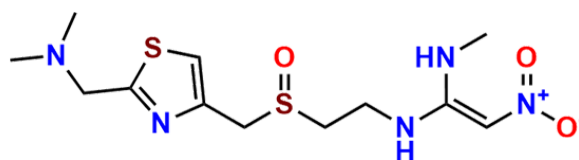
Synonyms : Nizatidine Sulfoxide

CAS Number : 102273-13-2

CAT Number : CP-N30003

Molecular Formula : C<sub>12</sub>H<sub>21</sub>N<sub>5</sub>O<sub>3</sub>S<sub>2</sub>

Molecular Weight : 347.45



### 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.