

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2025

**Product Name: Ranitidine EP Impurity E**

### Identification:

Chemical Name: N-[2-[[[5-[(Dimethyloxidoamino)methyl]furan-2-yl]methyl]sulfanyl]ethyl]-N'-methyl-2-nitroethene-1,1-diamine

Synonyms : Ranitidine N-Oxide

CAS Number : 73857-20-2

CAT Number : CP-R8005

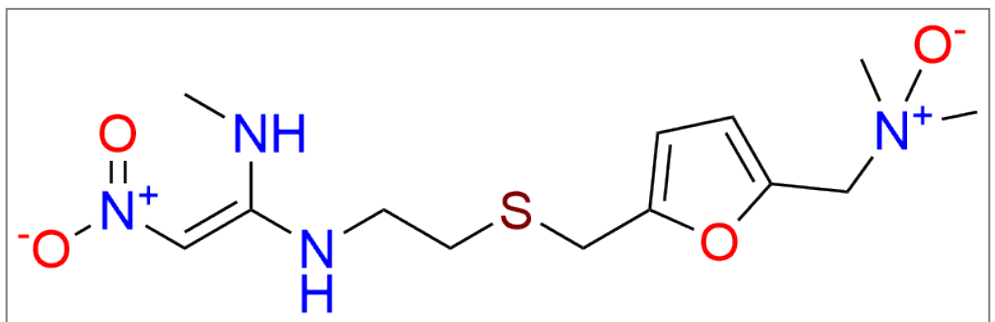
Molecular Formula : C<sub>13</sub>H<sub>22</sub>N<sub>4</sub>O<sub>4</sub>S

Molecular Weight : 330.40

Batch Number : CHEM-RTD-E

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.59%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.