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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ranitidine (In House Standard)**

### Identification:

Chemical Name: (Z)-N-(2-(((5-((dimethylamino)methyl)furan-2-yl)methyl)thio)ethyl)-N'-methyl-2-nitroethene-1,1-diamine

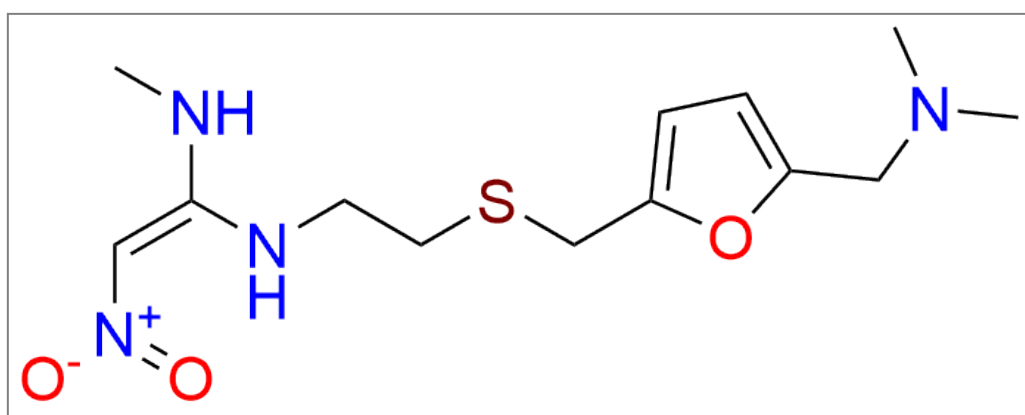
Synonyms : NA

CAS Number : 66357-35-5

CAT Number : CP-R8000

Molecular Formula : C<sub>13</sub>H<sub>22</sub>N<sub>4</sub>O<sub>3</sub>S

Molecular Weight : 314.40



### 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	>98%
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.