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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: N-Nitroso Cimetidine Impurity 2**

### Identification:

Chemical Name: (Z)-2-Cyano-1-methyl-3-(2-(((5-methyl-1H-imidazol-4-yl)methyl)thio)ethyl)-1-nitrosoguanidine

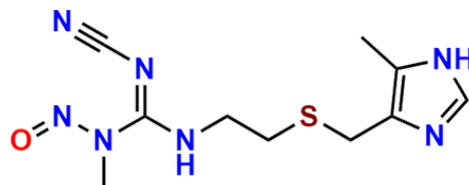
Synonyms : NA

CAS Number : NA

CAT Number : CP-C74012

Molecular Formula : C<sub>10</sub>H<sub>15</sub>N<sub>7</sub>O<sub>5</sub>

Molecular Weight : 281.34



### 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.