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## CERTIFICATE OF ANALYSIS

Analysis Date:

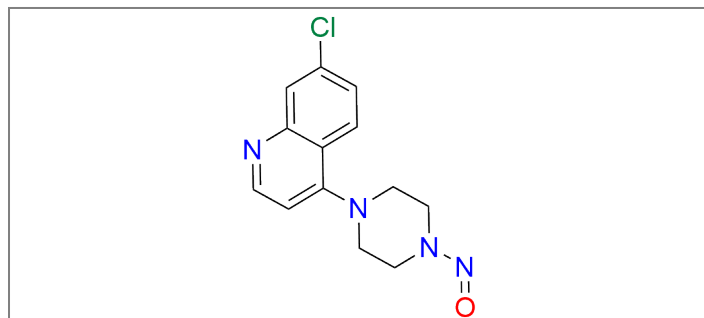
Re-test Date:

**Product Name: N-Nitroso Piperaquine Impurity A**

### Identification:

Chemical Name: 7-Chloro-4-(4-nitrosopiperazin-1-yl)quinoline

Synonyms : NA  
CAS Number : 32863-63-1  
CAT Number : CP-P19009  
Molecular Formula : C<sub>13</sub>H<sub>13</sub>ClN<sub>4</sub>O  
Molecular Weight : 276.72



### 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.