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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

Re-test Date: Nov 2025

**Product Name: Nitrofurantoin Impurity 1**

### Identification:

Chemical Name: (((5-nitrofuran-2-yl)methylene)amino)glycine

Synonyms : NA

CAS Number : 91447-38-0

CAT Number : CP-N12003

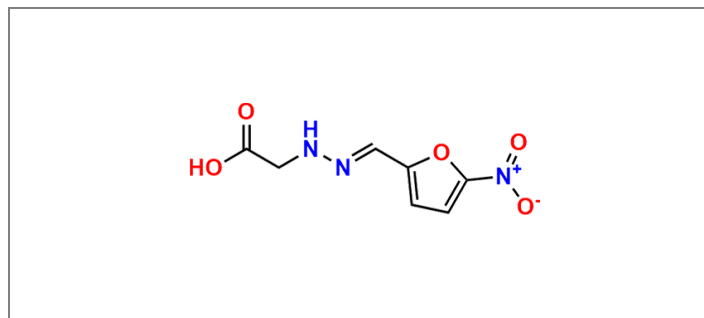
Molecular Formula : C7H7N3O5

Molecular Weight : 213.17

Batch Number : CHEM-NIT-01

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	Orange Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.15%
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.