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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

**Product Name: N-Nitroso Benzydamine Impurity 1**

### Identification:

Chemical Name: 3-(Dimethylamino)propyl 2-(benzyl(nitroso)amino)benzoate

Synonyms : N-Nitroso Benzydamine EP  
Impurity A

CAS Number : NA

CAT Number : CP-B2014

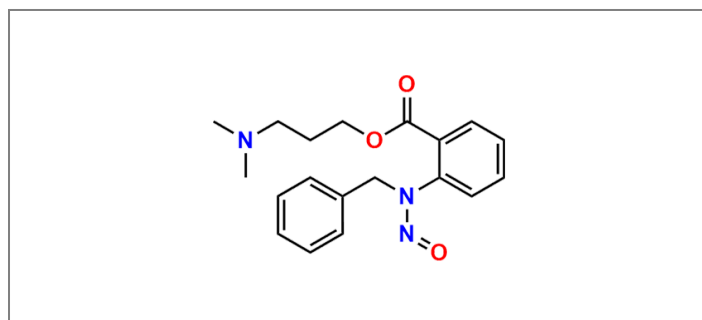
Molecular Formula : C<sub>19</sub>H<sub>23</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight : 341.41

Batch Number : CP-34-142-D

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	Light Brown Thick Liquid
2)	Solubility	Soluble in Methanol / DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	93.07%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	2.007%
8)	Potency by TGA	91.20%



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.