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CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

Re-test Date: Apr 2029

Product Name: N-Nitroso Doxazosin EP Impurity B

Identification:

Chemical Name: (2,3-Dihydrobenzo[b][1,4]dioxin-2-yl)(4-nitrosopiperazin-1-yl)methanone

Synonyms : NA

CAS Number : NA

CAT Number : CP-D26010

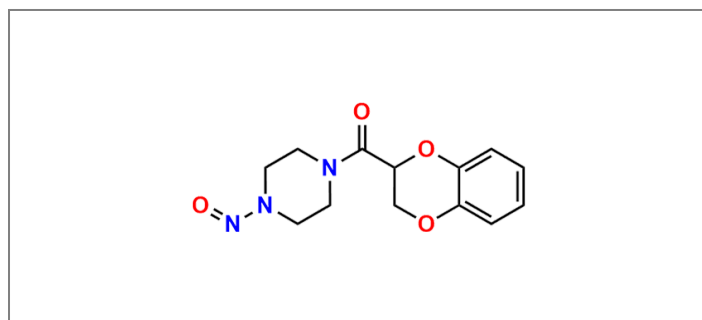
Molecular Formula : C₁₃H₁₅N₃O₄

Molecular Weight : 277.30

Batch Number : CP-DOX-NITB-0924

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	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.97%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.246%
9)	Potency by TGA	98.73%



Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

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