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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2023

Re-test Date: Jul 2026

Product Name: N-Nitroso Buspirone EP Impurity A

Identification:

Chemical Name: 2-(4-Nitrosopiperazin-1-yl)pyrimidine

Synonyms : Buspirone Nitroso Impurity 1

CAS Number : 872826-80-7

CAT Number : CP-B22020

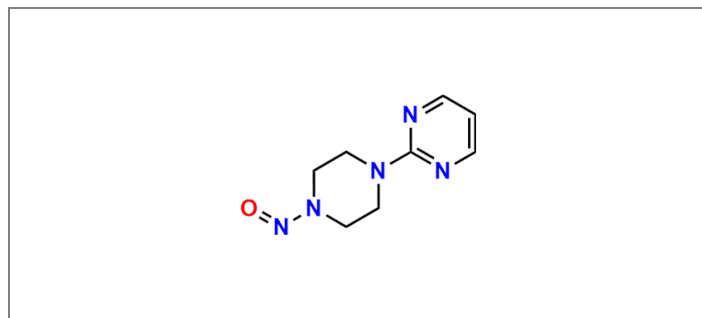
Molecular Formula : C₈H₁₁N₅O

Molecular Weight : 193.21

Batch Number : CP-BUS-NIT1-0823

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.65%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.328%
8)	Potency by TGA	99.32%



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.