

Certificate of Analysis

Catalogue Number

KL-06-00026

Lot Number

KLP0063AJ01

Product Name

N-Nitroso Buspirone EP Impurity A

Synonyms

2-(4-Nitrosopiperazin-1-yl)pyrimidine

CAS Number

872826-80-7

Molecular Formula
 $C_8H_{11}N_5O$
Molecular Weight

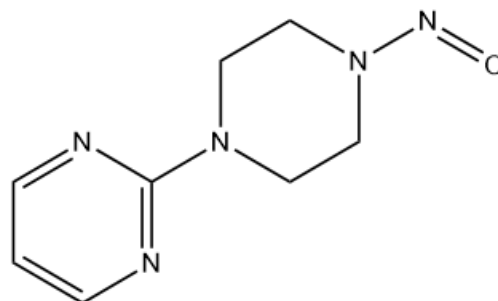
193.21 g/mol

Mfg. Date

18-10-2025

Re-Test Date

16-10-2028

Structure

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

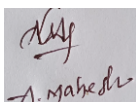
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Pale Yellow Solid	Pale Yellow Solid
Solubility	Soluble in DMSO, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	99.87%
Identification by 1H NMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.172%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	99.70%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

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