

Certificate of Analysis

Catalogue Number

KL-06-00002

Lot Number

KLP0097AK01

Product Name

N-Nitroso Aripiprazole EP Impurity B

Synonyms

1-(2,3-Dichlorophenyl)-4-nitrosopiperazine

CAS Number

2989508-28-1

Molecular Formula

C₁₀H₁₁Cl₂N₃O

Molecular Weight

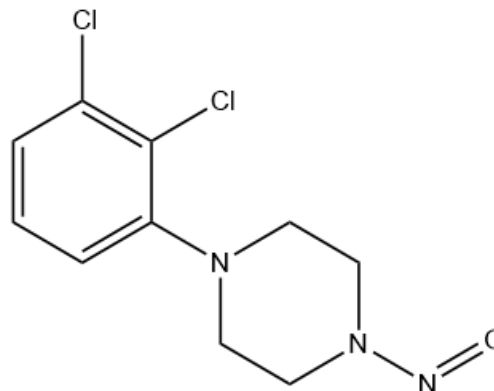
260.1 g/mol

Mfg. Date

10-11-2025

Re-Test Date

09-11-2028

Structure

Shipping Condition

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

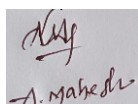
Long Term Storage Conditions

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

Analytical Information

Test	Specifications	Results
Appearance	Yellow Color solid	Yellow Color solid
Solubility	Soluble in DMSO, Methanol	Conforms
Purity by HPLC	Not less than 90.00%	99.20%
Identification by ¹ HNMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.610%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	98.59%

Prepared by



Reviewed & Approved by



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

Kaaris Research Labs Private Limited, Shed No. 2B at Plot No.22, Road No. 17, IDA, Nacharam, Hyderabad-500 076

sales@kaarislabs.com, www.kaarislabs.com An ISO 9001-2015 Certified Company