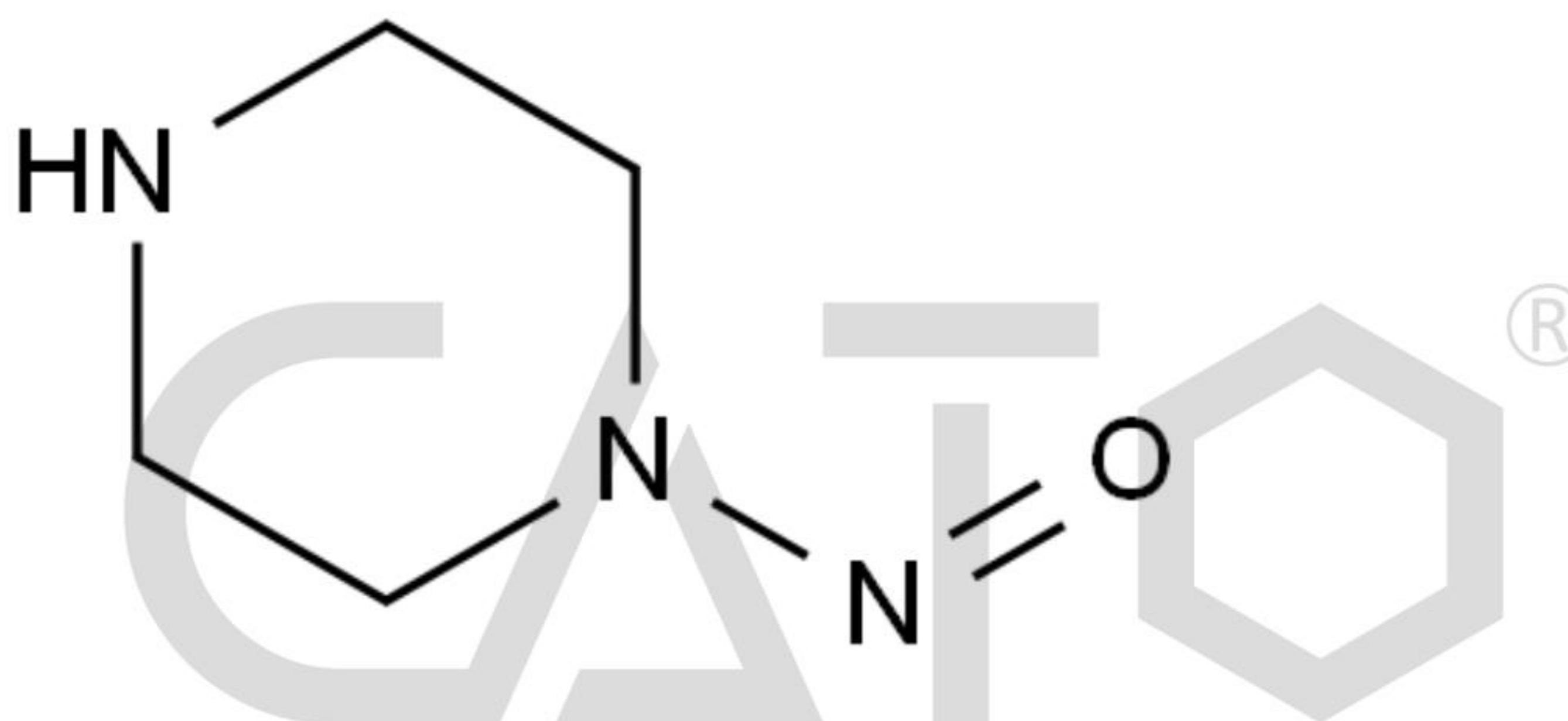


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitrosopiperazine	Catalogue Number:	C3D-4010
Synonyms:	N/A	Lot Number:	0218-RG-0069
CAS Number:	5632-47-3	Expiry Date:	Aug 11, 2030
Molecular Formula:	C ₄ H ₉ N ₃ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	115.13	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	94.1%

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 12, 2026

Date: Aug 13, 2026

Date: Aug 13, 2026



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