

Certificate of Analysis

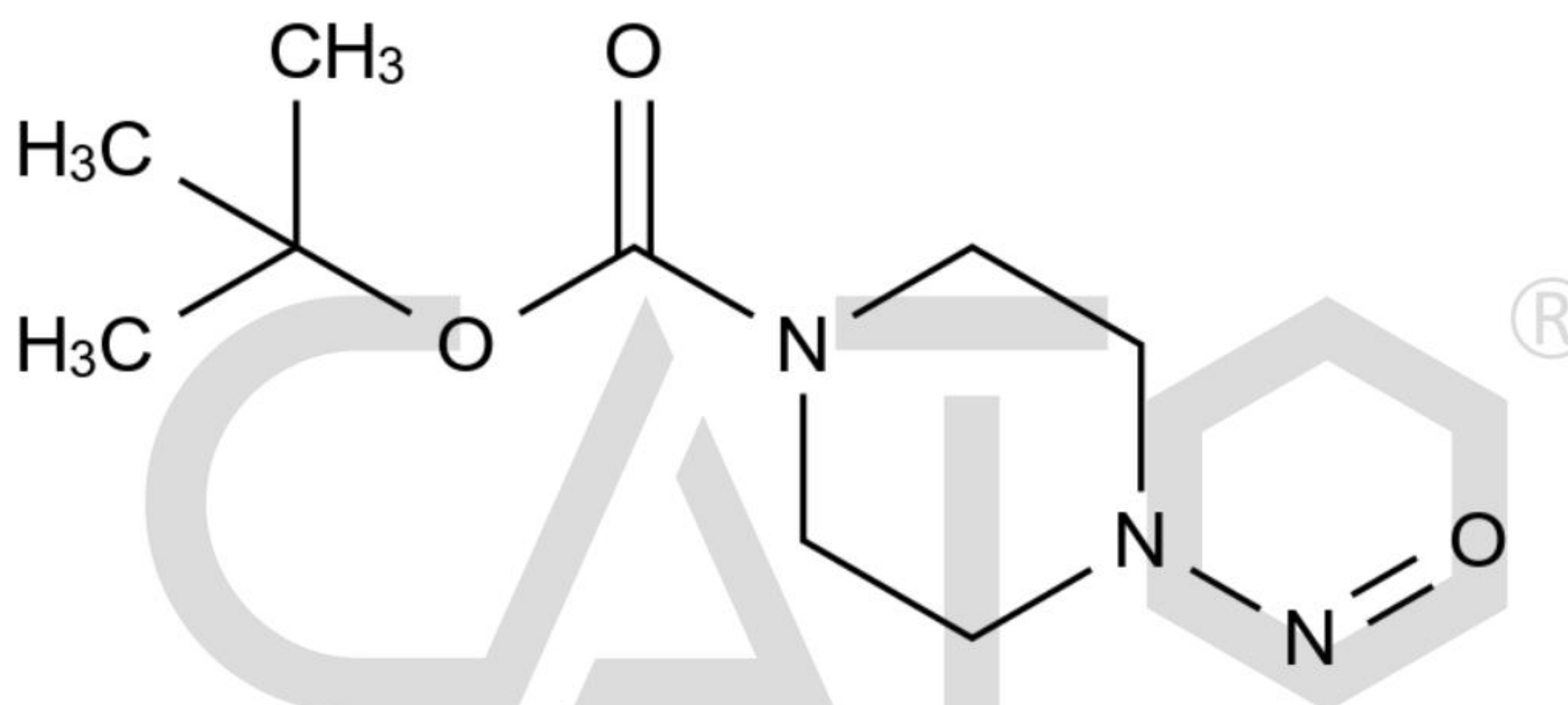
Reference Material & Standard

Product Name:	1-Boc-4-nitrosopiperazine	Catalogue Number:	C1544780
Synonyms:	N/A	Lot Number:	0429-RH-0090
CAS Number:	877177-42-9	Expiry Date:	May 06, 2030
Molecular Formula:	C ₉ H ₁₇ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	215.25	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.000%
Loss on Drying	TGA	0.0332%
Assay		100.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity GC (%) / 100%

Loss on Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 07, 2026

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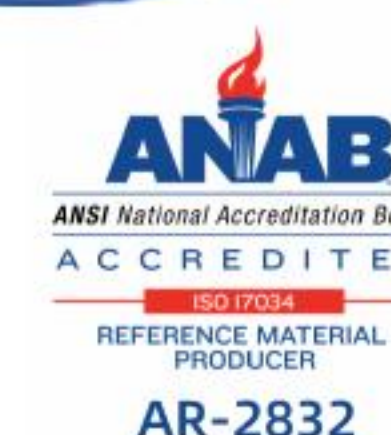
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