

Certificate of Analysis

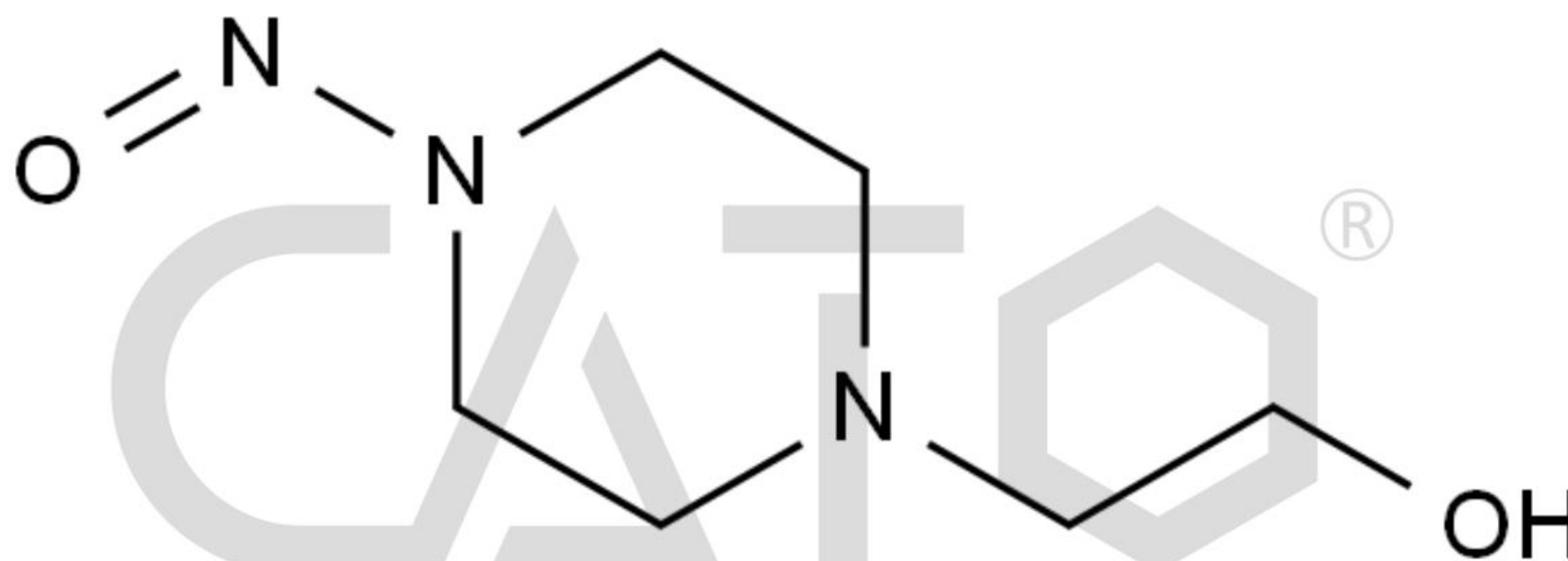
Reference Material & Standard

Product Name:	Aripiprazole Impurity N13	Catalogue Number:	CP138010
Synonyms:	N/A	Lot Number:	0617-RH-0032
CAS Number:	48121-20-6	Expiry Date:	Jun 21, 2030
Molecular Formula:	C ₆ H ₁₃ N ₃ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	159.19	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	1.9151%
Assay		98.1%

Comment:

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

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

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

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

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Date: Jun 22, 2026

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