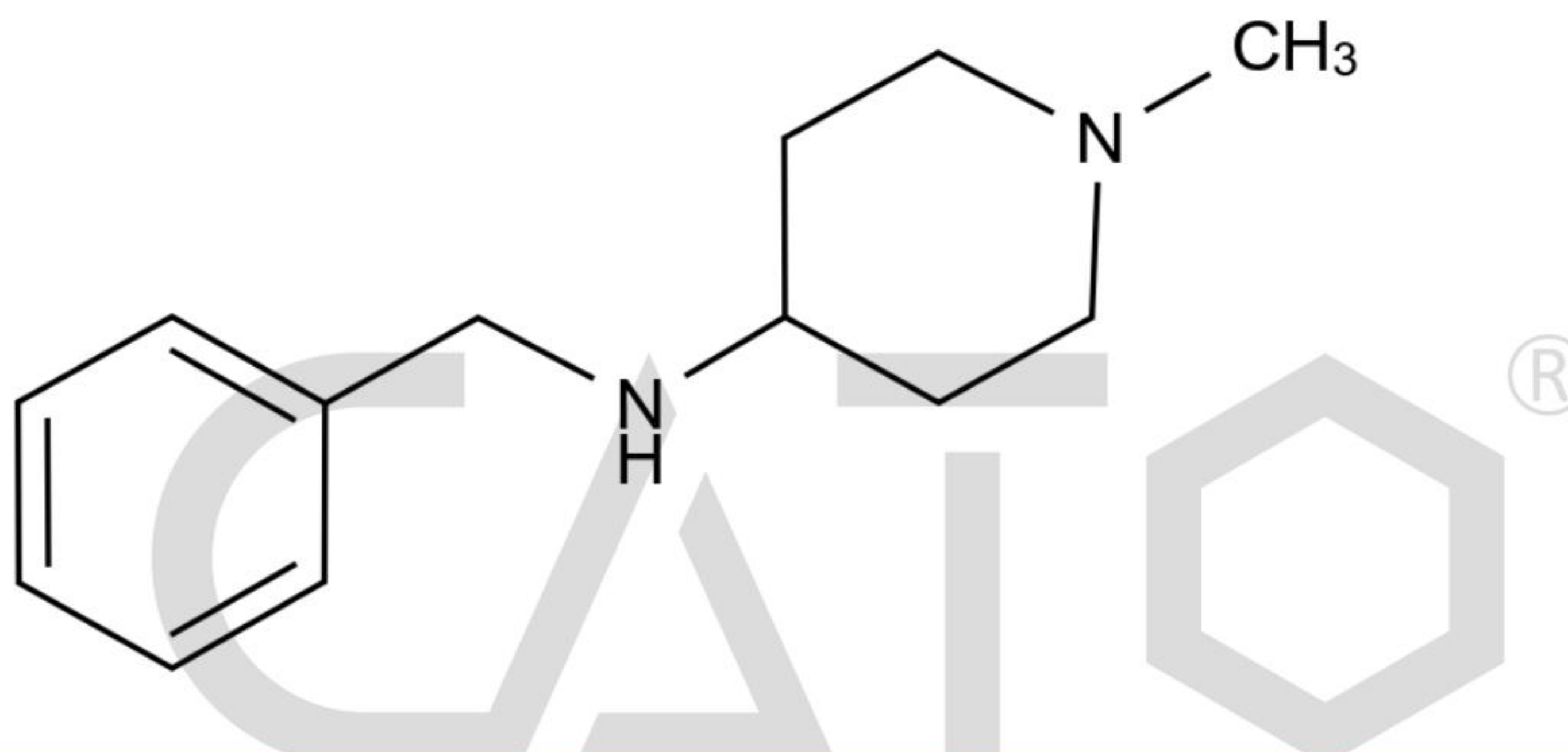


Certificate of Analysis

Reference Material & Standard

Product Name:	Pimavanserin impurity 53	Catalogue Number:	C4X-193853
Synonyms:	N/A	Lot Number:	0119-RF-0053
CAS Number:	194538-07-3	Expiry Date:	Jan 23, 2027
Molecular Formula:	C ₁₃ H ₂₀ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	204.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.090%
Loss on Drying	TGA	3.8856%
Assay		93.3%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 24, 2024

Date: Jan 24, 2024

Date: Jan 24, 2024



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