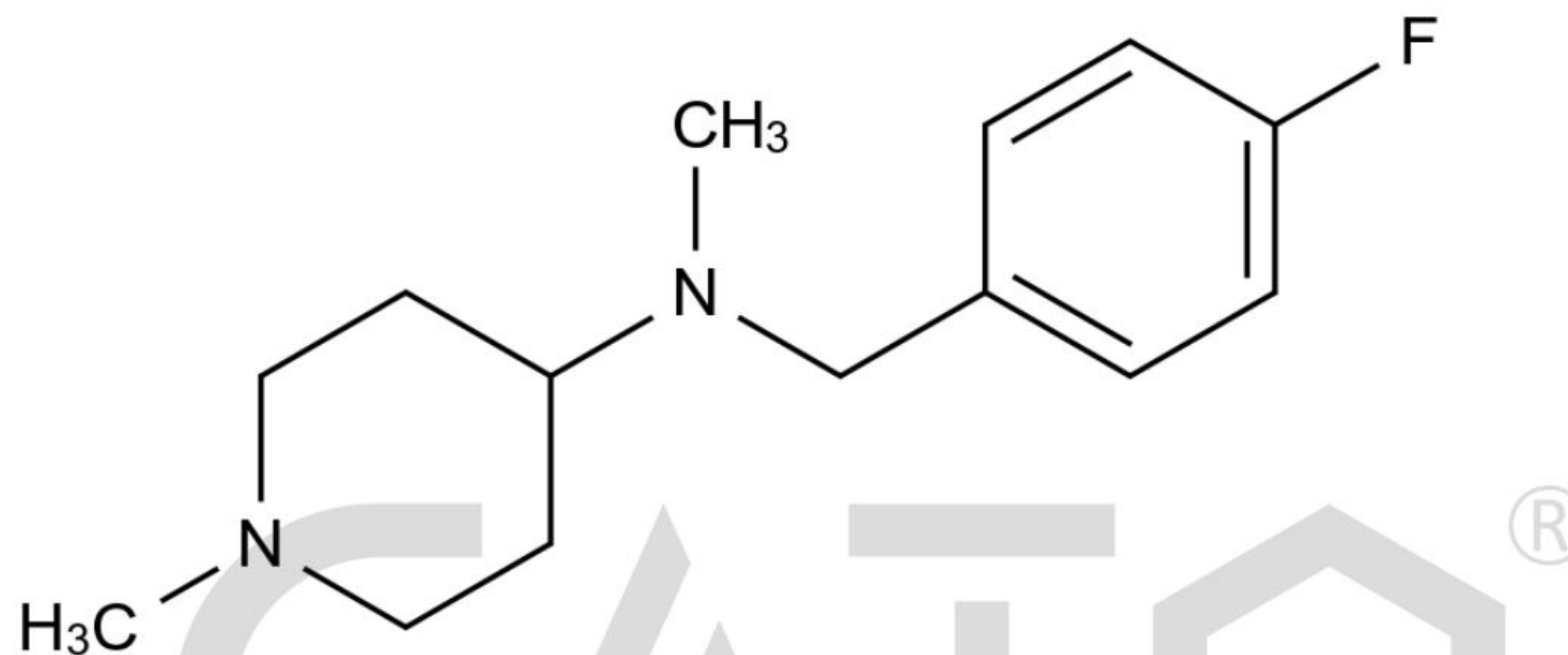


Certificate of Analysis

Reference Material

Product Name:	Pimavanserin Impurity 52	Catalogue Number:	C4X-193852
Chemical Name:	N/A	Lot Number:	0913-RE-0041
CAS Number:	N/A	Expiry Date:	Sep 18, 2026
Molecular Formula:	C ₁₄ H ₂₁ FN ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	236.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.659%
Loss On Drying	TGA	3.1871%
Assay		94.5%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aporoved by General manager:

David

Date: Sep 19, 2023

Date: Sep 19, 2023

Date: Sep 19, 2023

