CERTIFICATE OF ANALYSIS

(Certificate No. KMP018020-01)

Release Date: 29/10/2026 **Re-test Date:** 28/10/2029

Pimavanserin Impurity 4

Identification

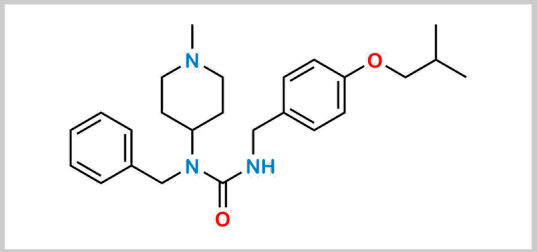
Chemical Name :
1-Benzyl-3-(4-isobutoxybenzyl)-1-(1-methylpiperidin-4-yl)urea

CAT No. : KMP018020

CAS No. : 2512201-55-5

Molecular Formula : C25H35N3O2

Molecular Weight : 409.6



Analytical Information

Batch No.	: P018020-136-322	**Solubility**	: Methanol
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.01 %	**IR**	: Confirm
Weight Loss By TGA	: 0.99 %	**1H NMR**	: Confirm
% Potency	: 98.03 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.99(Weight Loss By TGA)] x [99.01(HPLC Purity)]/100 = 98.03 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/10/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA