CERTIFICATE OF ANALYSIS

(Certificate No. KMM132015-02)

Release Date: 13/08/2026 **Re-test Date:** 12/08/2029

MGL-IV A IMPURITY STANDARD

Identification

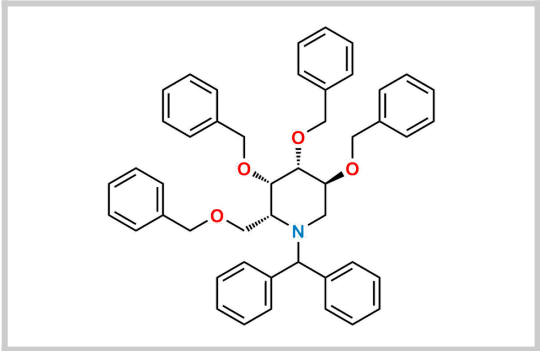
Chemical Name :
(2R,3S,4R,5S)-1-Benzhydryl-3,4,5-tris(benzyloxy)-2-((benzyloxy)methyl)piperidine

CAT No. : KMM132015

CAS No. : 2265925-04-8

Molecular Formula : C47H47NO4

Molecular Weight : 689.9



Analytical Information

Batch No.	: M132015-136-129	**Solubility**	: ACN : Water (1:1)
Description	: Light Yellow Thick Syrup	**Mass**	: Confirm
HPLC Purity	: 97.21 %	**IR**	: Confirm
Weight Loss By TGA	: 1.18 %	**1H NMR**	: Confirm
% Potency	: 96.06 %		

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 - 1.18(Weight Loss By TGA)] x [97.21(HPLC Purity)]/100 = 96.06 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		13/08/2026

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