

CERTIFICATE OF ANALYSIS

(Certificate No. KMM132015-01)

Release Date: 28/10/2024

Re-test Date: 27/10/2027

MGL-IV A Impurity Standard

Identification

Chemical Name :

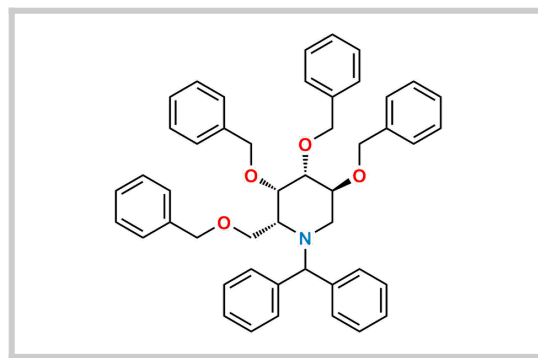
(2R,3S,4R,5S)-1-Benzhydryl-3,4,5-tris(benzyloxy)-2-((benzyloxy)methyl)piperidine

CAT No. : KMM132015

CAS No. : 2265925-04-8

Molecular Formula : C₄₇H₄₇NO₄

Molecular Weight : 689.9



Analytical Information

Batch No. : M132015-091-009

Description : Light Yellow Thick Syrup

HPLC Purity : 99.28 %

Weight Loss By TGA : 1.42 %

% Potency : 97.87 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 = $[100 - 1.42(\text{Weight Loss By TGA})] \times [99.28(\text{HPLC Purity})]/100 = 97.87 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		28/10/2024

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