CERTIFICATE OF ANALYSIS

(Certificate No. KMM132014-01)

Release Date: 25/12/2024 **Re-test Date:** 24/12/2027

MGL-IV B - IMPURITY STANDARD

Identification

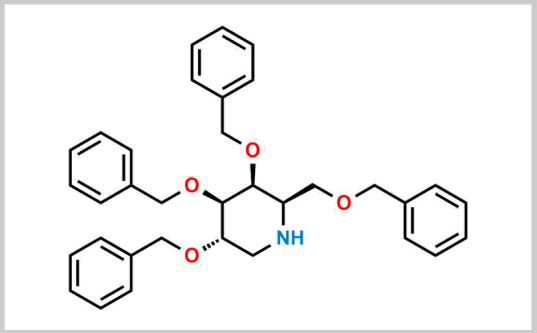
Chemical Name :
(2R,3S,4R,5S)-3,4,5-Tris(benzyloxy)-2-((benzyloxy)methyl)piperidine

CAT No. : KMM132014

CAS No. : 167904-18-9

Molecular Formula : C34H37NO4

Molecular Weight : 523.7



Analytical Information

Batch No.	: M132014-091-092	**Solubility**	: Methanol
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 98.64 %	**IR**	: Confirm
Weight Loss By TGA	: 0.73 %	**1H NMR**	: Confirm
% Potency	: 97.92 %		

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 - 0.73(Weight Loss By TGA)] x [98.64(HPLC Purity)]/100 = 97.92 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		25/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/12/2024

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