

# 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 :**

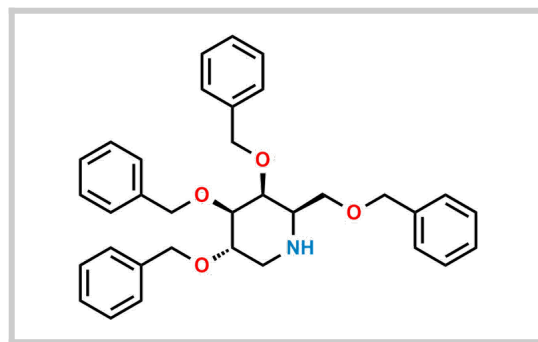
(2R,3S,4R,5S)-3,4,5-Tris(benzyloxy)-2-((benzyloxy)methyl)piperidine

CAT No. : KMM132014

CAS No. : 167904-18-9

Molecular Formula : C<sub>34</sub>H<sub>37</sub>NO<sub>4</sub>

Molecular Weight : 523.7



### Analytical Information

Batch No. : M132014-091-092

Description : Light Brown Solid

HPLC Purity : 98.64 %

Weight Loss By TGA : 0.73 %

% Potency : 97.92 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 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, <sup>1</sup>HNMR, IR and TGA