

CERTIFICATE OF ANALYSIS

(Certificate No. KMM005017-01)

Release Date: 19/03/2026

Re-test Date: 18/03/2029

Metoprolol EP Impurity E

Identification

Chemical Name :

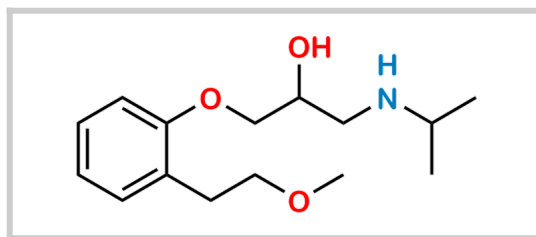
(2RS)-1-[2-(2-Methoxyethyl)phenoxy]- 3-[(1-methylethyl)amino]propan-2-ol

CAT No. : KMM005017

CAS No. : 163685-38-9

Molecular Formula : C₁₅H₂₅NO₃

Molecular Weight : 267.4



Analytical Information

Batch No. : M005017-114-214

Description : Off White Solid

HPLC Purity : 96.71 %

Weight Loss By TGA : 1.51 %

% Potency : 95.25 %

Solubility : ACN

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 - 1.51(Weight Loss By TGA)] x [96.71(HPLC Purity)]/100 = 95.25 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		18/03/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA