

CERTIFICATE OF ANALYSIS

(Certificate No. KMS024011-02)

Release Date: 25/02/2026

Re-test Date: 24/02/2029

Salmeterol EP Impurity F

Identification

Chemical Name :

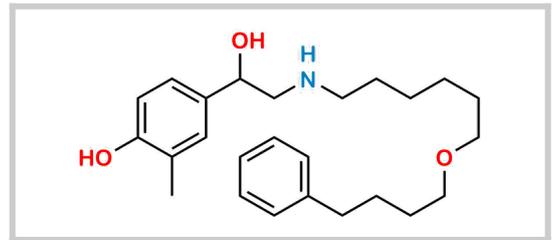
(1RS)-4-(1-Hydroxy-2-((6-(4-phenylbutoxy)hexyl)amino)ethyl)-2-methylphenol

CAT No. : KMS024011

CAS No. : 1391054-40-2

Molecular Formula : C₂₅H₃₇NO₃

Molecular Weight : 399.6



Analytical Information

Batch No. : S024011-114-179

Description : Light Yellow Solid

HPLC Purity : 99.63 %

Weight Loss By TGA : 0.50 %

% Potency : 99.13 %

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 - 0.50(Weight Loss By TGA)] x [99.63(HPLC Purity)]/100 = 99.13 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		26/02/2026

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