

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 9

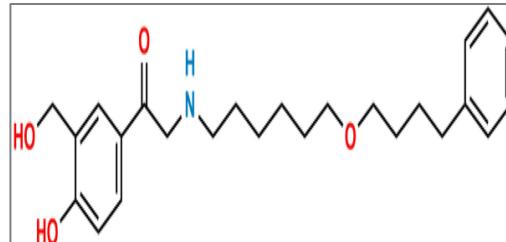
Identification

Chemical Name : 1-(4-Hydroxy-3-(hydroxymethyl)phenyl)-2-((6-(4-phenylbutoxy)hexyl)amino)ethan-1-one

CAT No : ALL-SALM-39

CAS No : 840530-57-6

Molecular Formula : C₂₅H₃₅NO₄



Molecular Weight : 413.6

Analytical Information

Batch Code	: ALL-SALM-39	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.26%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.275%	1HNMR	: Confirm
Residue Of Ignition	: 0.476%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =

$$[100 - (0.275+0.476) \times 98.00]/100 = 97.26\%$$

Recommendation : Released

Department	Name	Signature
Prepared and Reviewed by	Analytical Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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