

Analysis Date: 19-09-2025

Re-test Date: 19-09-2028

SALBUTAMOL IMPURITY 16

Identification

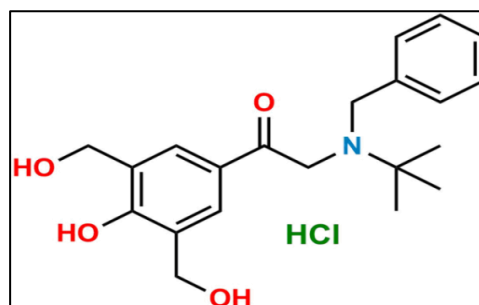
Chemical Name : (1RS)-2-[(1,1-Dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanol Hydrochloride

CAT No : ALL-SALB-32

CAS No : 51293-66-4

Molecular Formula : C₁₃H₂₁NO₃ : HCl

Molecular Weight : 239.3 : 36.5



Analytical Information

Batch Code	: ALL-SALB-32	HPLC Purity	: 96.71 %
Solubility	: MeOH: ACN	Potency	: 95.12 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Content By TGA	: 1.376 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.267 %		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.376+0.267) × 96.71]/100 = 95.12 %

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