

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 2

Identification

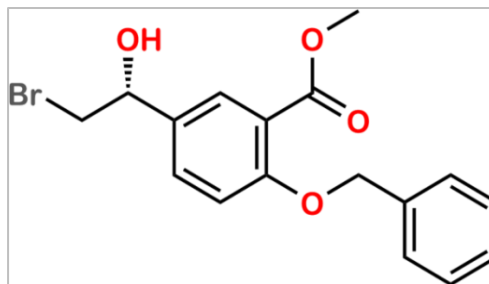
Chemical Name : Methyl (R)-2-(benzyloxy)-5-(2-bromo-1-hydroxyethyl)benzoate

CAT No : ALL-SALM-16

CAS No : 160889-18-9

Molecular Formula : C₁₇H₁₇BrO₄

Molecular Weight : 365.2



Analytical Information

Batch Code	: ALL-SALM-16	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.71%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.354%	¹H NMR	: Confirm
Residue Of Ignition	: 0.974%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.354 + 0.974) \times 98.00] / 100 = 95.71\%$$

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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