

**Analysis Date:** 24-09-2025

**Re-test Date:** 24-09-2028

## **SALMETEROL IMPURITY 2**

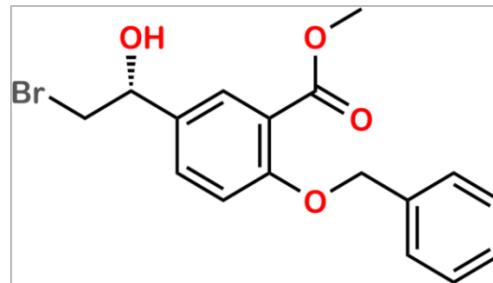
### **Identification**

**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**

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

Prepared and Reviewed by	Department	Name	Signature
	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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