

Analysis Date: 19-09-2025

Re-test Date: 19-09-2028

## SALBUTAMOL IMPURITY 7

### Identification

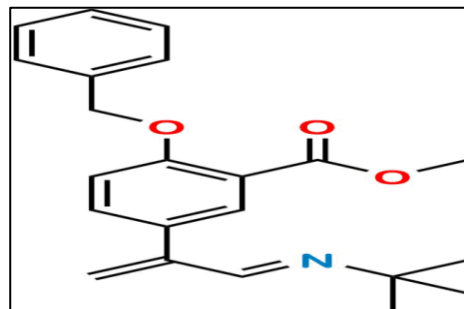
**Chemical Name** : Methyl (E)-2-(benzyloxy)-5-(3-(tert-butylimino)prop-1-en-2-yl)benzoate

**CAT No** : ALL-SALB-41

**CAS No** : N.A.

**Molecular Formula** : C<sub>22</sub>H<sub>25</sub>NO<sub>3</sub>

**Molecular Weight** : 351.4



### Analytical Information

<b>Batch Number</b>	: ALL-SALB-41	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 97.55%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.133 %	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.327 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.133+0.327) × 98.00%]/100 = 97.55%

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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