

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 27

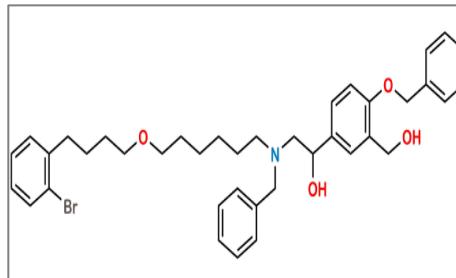
Identification

Chemical Name : 2-(Benzyl(6-(4-(2-bromophenyl)butoxy)hexyl)amino)-1-(4-(benzyloxy)-3-(hydroxymethyl)phenyl)ethan-1-ol

CAT No : ALL-SALM-36

CAS No : N.A.

Molecular Formula : C39H48BrNO4



Molecular Weight : 674.7

Analytical Information

| | | |
|------------------------------|-----------------------------------|------------------------------|
| Batch Code | : ALL-SALM-36 | HPLC Purity : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency : 96.49% |
| Appearance of Product | : Off White Solid | Mass : Confirm |
| Long Term Storage | : -20°C | IR Analysis : Confirm |
| Weight Loss By TGA | : 0.711% | 1HNMR : Confirm |
| Residue Of Ignition | : 0.801% | |

Additional Information

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

$$[100 - (0.602 + 0.704) \times 98.00] / 100 = 96.49\%$$

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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