

Analysis Date: 24-09-2025

Re-test Date: 24-09-2028

SALMETEROL IMPURITY 24

Identification

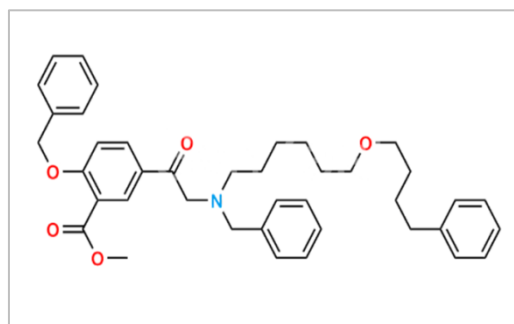
Chemical Name : Methyl 5-(N-benzyl-N-(6-(4-phenylbutoxy)hexyl)glycyl)-2-(benzyloxy)benzoate

CAT No : ALL-SALM-17

CAS No : N.A.

Molecular Formula : C₄₀H₄₇NO₅

Molecular Weight : 621.8



Analytical Information

| | | | |
|------------------------------|-----------------------------------|--------------------------|-----------|
| Batch Code | : ALL-SALM-17 | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 97.26% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20°C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.275% | ¹H NMR | : Confirm |
| Residue Of Ignition | : 0.476% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.275+0.476) × 98.00]/100 = 97.26%

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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