

Analysis Date: 18-09-2025

Re-test Date: 18-09-2028

SALBUTAMOL RELATED COMPOUND 1

Identification

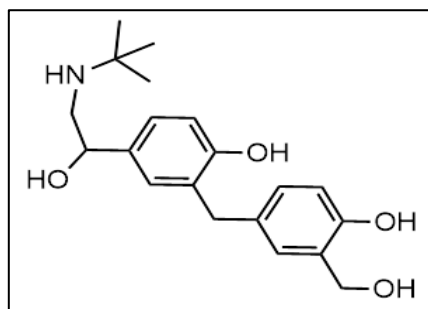
Chemical Name : 4-(2-(Tert-butylamino)-1-hydroxyethyl)-2-(4-hydroxy-3-(hydroxymethyl)benzyl)phenol

CAT No : ALL-SALB-20

CAS No : 156339-89-8

Molecular Formula : C₂₀H₂₇NO₄

Molecular Weight : 345.4



Analytical Information

| | | | |
|------------------------------|----------------------|-------------------------|-----------|
| Batch Code | : ALL-SAL-L | HPLC Purity | : 96.71 % |
| Solubility | : MeOH: ACN | Potency | : 95.12 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 ⁰ C | IR Analysis | : Confirm |
| Weight Content By TGA | : 1.376 % | ¹HNMR | : Confirm |
| Residue Of Ignition | : 0.267 % | | |

Additional Information

%Potency = [100 - (Inorganic Impurities % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.376+0.267) × 96.71]/100 = 95.12 %

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