

Analysis Date: 19-09-2025

Re-test Date: 19-09-2028

SALBUTAMOL IMPURITY 3

Identification

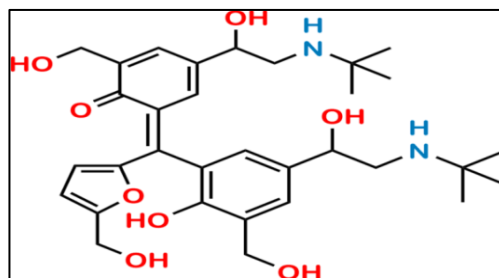
Chemical Name : (Z)-4-(2-(Tert-butylamino)-1-hydroxyethyl)-6-((5-(2-(tert-butylamino)-1-hydroxyethyl)-2-hydroxy-3-(hydroxymethyl)phenyl)(5-(hydroxymethyl)furan-2-yl)methylene)-2-(hydroxymethyl)cyclohexa-2,4-dien-1-one

CAT No : ALL-A08186

CAS No : N.A.

Molecular Formula : C₃₂H₄₄N₂O₈

Molecular Weight : 584.7



Analytical Information

Batch Code	: ALL-A08186	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 97.25%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Content By TGA	: 0.449%	1HNMR	: Confirm
Residue Of Ignition	: 0.344%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.449+0.344× 98.00)]/100 = 97.25%

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