

Analysis Date: 18-09-2025

Re-test Date: 18-09-2028

SALBUTAMOL IMPURITY 2

Identification

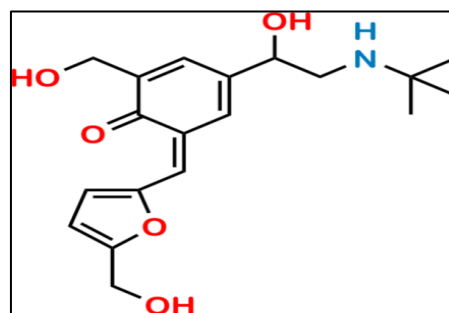
Chemical Name : (Z)-4-(2-(Tert-butylamino)-1-hydroxyethyl)-2-(hydroxymethyl)-6-((5-(hydroxymethyl)furan-2-yl)methylene)cyclohexa-2,4-dien-1-one

CAT No : ALL-A08184

CAS No : N.A.

Molecular Formula : C₁₉H₂₅NO₅

Molecular Weight : 347.4



Analytical Information

Batch Code	: ALL-A08184	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 95.63%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.475%	¹HNMR	: Confirm
Residue Of Ignition	: 0.940%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.475+0.940) × 98.00]/100 = 95.63%

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