

Analysis Date: 30-07-2025

Re-test Date: 30-07-2028

CORTISONE 21-HEMISUCCINATE IMPURITY

Identification

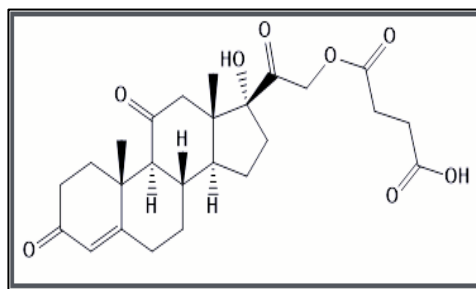
Chemical Name : 4-Pregnen-17alpha, 21-Diol-3, 11, 20-Trione 21-Hemisuccinate

CAT No : ALL-HYD-2153

CAS No : N.A.

Molecular Formula : C₂₅H₃₄O₈

Molecular Weight : 462.53



Analytical Information

Batch No.	: ALL-HYD-2153	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.89%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.510%	¹HNMR	: Confirm
Residue Of Ignition	: 0.616 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.510+0.616) × 98.00]/100 = 96.89%

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, UV Report

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203