

Analysis Date: 19-02-2025

Re-test Date: 19-02-2028

HYDROCORTISONE IMPURITY 19

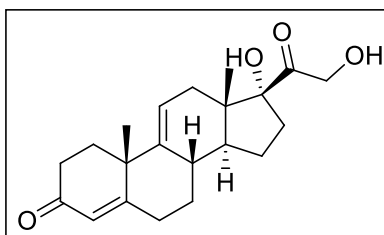
Identification

Chemical Name : (8S,10S,13S,14S,17R)-17-hydroxy-17-(2-hydroxyacetyl)-10,13-dimethyl-1,2,6,7,8,10,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one

CAT No : ALL-H08511

CAS No : 10184-70-0

Molecular Formula : C₂₁H₂₈O₄



Molecular Weight : 344.5

Analytical Information

Batch Code	: ALL-H08511	HPLC Purity	: 99.91 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 98.69 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Content By TGA	: 0.939 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.282 %		

Additional Information

%Potency = [100 - (Weight Content By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.939+0.282) × 99.91]/100 = 98.69 %

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