

Analysis Date: 08-11-2025

Re-test Date: 08-11-2028

TRIAMCINOLONE ACETONIDE IMPURITY 4

Identification

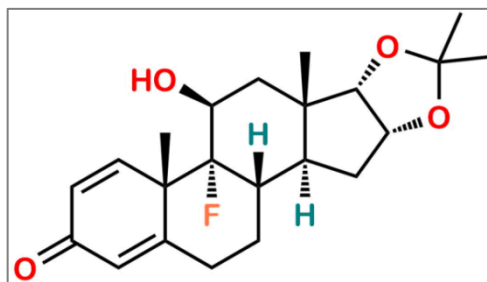
Chemical Name : (6aS,6bR,7S,8aS,8bS,11aR,12aS,12bS)-6b-fluoro-7-hydroxy-6a,8a,10,10-tetramethyl-1,2,6a,6b,7,8,8a,8b,11a,12,12a,12b-dodecahydro-4H-naphtho[2',1':4,5]indeno[1,2-d][1,3]dioxol-4-one

CAT No : ALL-TACT-21

CAS No : 165739-48-0

Molecular Formula : C₂₂H₂₉FO₄

Molecular Weight : 376.5



Analytical Information

Batch No.	: ALL-TACT-21	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.55 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ^o C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.071 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.383 %		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.071 + 0.383) × 98.00]/100= 97.55 %

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