

CERTIFICATE OF ANALYSIS

(Certificate No. KMD074040-01)

Release Date: 06/10/2025

Re-test Date: 05/10/2028

Vamorolone 8-DM

Identification

Chemical Name :

9,11 β -epoxy-17,21-dihydroxy-16 α -methyl-9 β -pregna-1,4-diene-3,20-dione (as per EP)

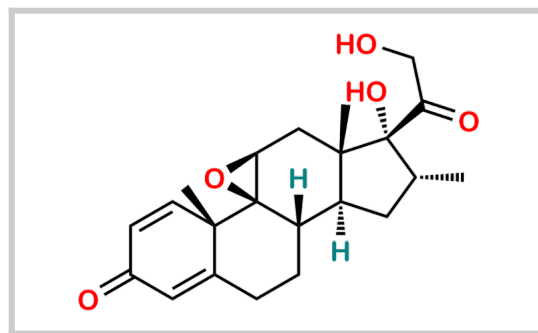
Alt. Name : Dexamethasone 9,11-Epoxyde

CAT No. : KMD074040

CAS No. : 24916-90-3

Molecular Formula : C₂₂H₂₈O₅

Molecular Weight : 372.5



Analytical Information

Batch No. : RM8-DMWS/001

Description : White Solid

HPLC Purity : 98.43 %

Weight Loss By TGA : 0.36 %

% Potency : 98.08 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.36(Weight Loss By TGA)] x [98.43(HPLC Purity)]/100 = 98.08 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Sonal Parekh		28/10/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		28/10/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA