CERTIFICATE OF ANALYSIS

(Certificate No. KME069010-01)

Release Date: 28/02/2025 **Re-test Date:** 27/02/2028

Eplerenone Impurity D

Identification

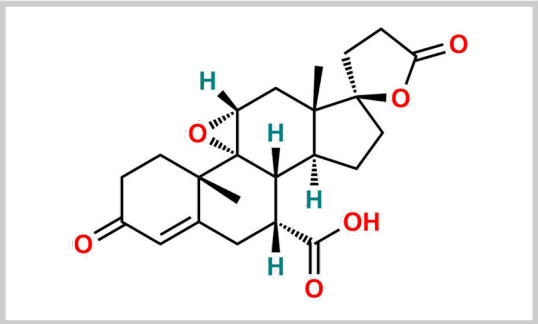
Chemical Name :
(2′R)-9,11α-Epoxy-3,5′-dioxo-4′,5′-dihydro-3′H-spiro[androst-4-ene-17,2′-furan]-7α-carboxylic acid

CAT No. : KME069010

CAS No. : 209253-82-7

Molecular Formula : C23H28O6

Molecular Weight : 400.5



Analytical Information

Batch No. : SL-DTR-324-100

Description : Off White Solid

HPLC Purity : 99.74 %

Weight Loss By TGA : 1.75 %

% Potency : 97.99 %

Solubility : DMSO and Methanol

Mass : Confirm

IR : Confirm

1H 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 - 1.75(Weight Loss By TGA)] x [99.74(HPLC Purity)]/100 = 97.99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/02/2025

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