

CERTIFICATE OF ANALYSIS

(Certificate No. KMA003016-01)

Release Date: 13/06/2025

Re-test Date: 12/06/2028

Acebutalol Nitroso Impurity

Identification

Chemical Name :

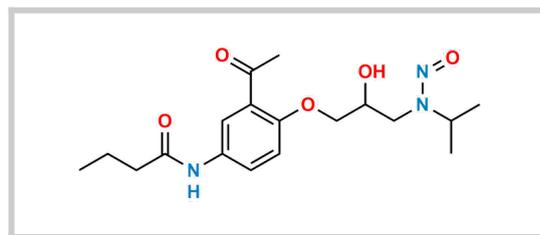
N-(3-Acetyl-4-(2-hydroxy-3-(isopropyl(nitroso)amino)propoxy)phenyl)butyramide (Mixture of E/Z Isomers)

CAT No. : KMA003016

CAS No. : Not Available

Molecular Formula : C₁₈H₂₇N₃O₅

Molecular Weight : 365.4



Analytical Information

Batch No. : ACE-N-NO-045-340

Description : Off White Solid*

HPLC Purity : 92.83 %

Weight Loss By TGA : 0.14 %

% Potency : 92.7 %

Solubility : ACN : Water (1:1)

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 - 0.14(Weight Loss By TGA)] x [92.83(HPLC Purity)]/100 = 92.7 %

-Mixture of E/Z Isomer

-Re-tested on 13.06.2025

-Description added on 10.01.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		10/01/2026

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