CERTIFICATE OF ANALYSIS

(Certificate No. KMA003016-01)

Release Date: 13/06/2025 **Re-test Date:** 12/06/2028

Acebutalol Nitroso Impurity

Identification

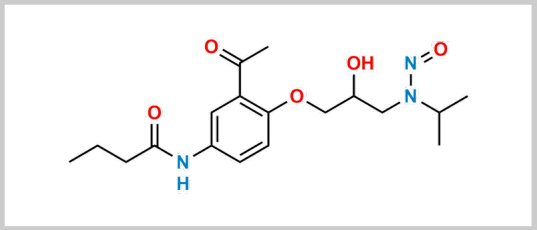
Chemical Name :
N-(3-Acetyl-4-(2-hydroxy-3-(isopropyl(nitroso)amino)propoxy)phenyl)butyramide (Mixture of E/Z Isomers)

CAT No. : KMA003016

CAS No. : Not Available

Molecular Formula : C18H27N3O5

Molecular Weight : 365.4



Analytical Information

Batch No.	: ACE-N-NO-045-340	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid*	**Mass**	: Confirm
HPLC Purity	: 92.83 %	**IR**	: Confirm
Weight Loss By TGA	: 0.14 %	**1H NMR**	: Confirm
% Potency	: 92.7 %	**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