CERTIFICATE OF ANALYSIS

(Certificate No. KME006004-01)

Release Date: 23/01/2024 **Re-test Date:** 22/01/2027

Esmolol Dimer

Identification

Chemical Name:

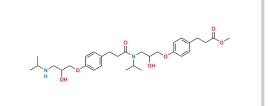
4-[2-hydroxy-3-[[3-[4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]-1-oxopropyl](1-methylethyl)amino]propoxy]-benzenepropanoic Acid Methyl Ester

CAT No. : KME006004

CAS No. : 98903-89-0

Molecular Formula : C31H46N2O7

Molecular Weight : 558.7



Analytical Information

: ESM-DIMER-073-036 **Solubility** Batch No. : Acetonitrile **Description** : Light Brown Thick Syrup **Mass** : Confirm **HPLC Purity** : 98.44 % IR : Confirm Weight Loss By TGA : 2.54 % 1H NMR : Confirm % Potency : 95.94 % **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 - 2.54(Weight Loss By TGA)] x [98.44(HPLC Purity)]/100 = 95.94 %

Remarks: COA Re-generated on 01.01.2025

-13C NMR added on 27.10.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/10/2025

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