CERTIFICATE OF ANALYSIS

(Certificate No. KMC034020-01)

Release Date: 27/01/2026 **Re-test Date:** 26/01/2029

Clomiphene Tritylphenone Analog

Identification

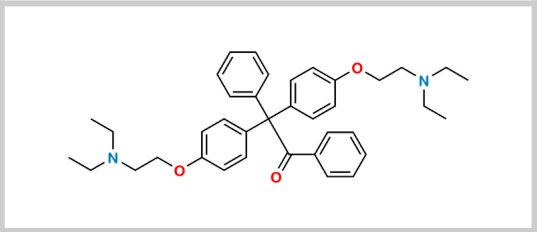
Chemical Name :
2,2-Bis[4-[2-(diethylamino)ethoxy]phenyl]-1,2-diphenylethan-1-one (as per EP)

CAT No. : KMC034020

CAS No. : 1391054-64-0

Molecular Formula : C38H46N2O3

Molecular Weight : 578.8



Analytical Information

Batch No.	: C034020-114-113	**Solubility**	: ACN
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 99.63 %	**IR**	: Confirm
Weight Loss By TGA	: 2.67 %	**1H NMR**	: Confirm
% Potency	: 96.97 %		

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 - 2.67(Weight Loss By TGA)] x [99.63(HPLC Purity)]/100 = 96.97 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		17/02/2026

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