

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC034020-01)

Release Date: 27/01/2026

Re-test Date: 26/01/2029

## Clomiphene Tritylphenone Analog

### Identification

**Chemical Name :**

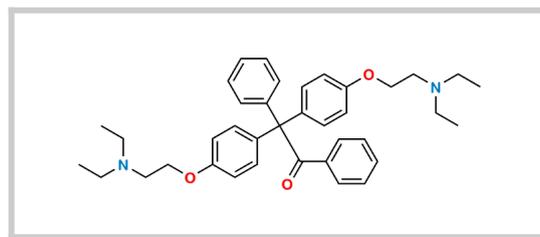
2,2-Bis[4-[2-(diethylamino)ethoxy]phenyl]-1,2-diphenylethan-1-one (as per EP)

CAT No. : KMC034020

CAS No. : 1391054-64-0

Molecular Formula : C38H46N2O3

Molecular Weight : 578.8



### Analytical Information

Batch No. : C034020-114-113

Description : Light Yellow Liquid

HPLC Purity : 99.63 %

Weight Loss By TGA : 2.67 %

% Potency : 96.97 %

Solubility : ACN

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 =  $[100 - 2.67(\text{Weight Loss By TGA})] \times [99.63(\text{HPLC Purity})]/100 = 96.97 \%$

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