

CERTIFICATE OF ANALYSIS

(Certificate No. KMC034018-01)

Release Date: 12/01/2026

Re-test Date: 11/01/2029

Clomiphene Benzophenone Analog [Clomiphene EP Impurity B]

Identification

Chemical Name :
[4-[2-(diethylamino)ethoxy]phenyl]phenylmethanone (as per EP)

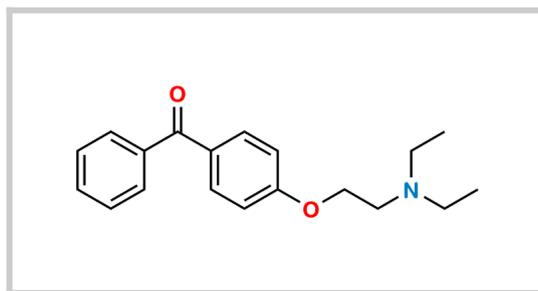
Alt. Name : Clomiphene Benzophenone Analog

CAT No. : KMC034018

CAS No. : 796-77-0

Molecular Formula : C₁₉H₂₃NO₂

Molecular Weight : 297.4



Analytical Information

Batch No. : C034018-114-097

Description : Light Yellow Liquid

HPLC Purity : 99.03 %

Weight Loss By TGA : 1.27 %

% Potency : 97.77 %

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 = $[100 - 1.27(\text{Weight Loss By TGA})] \times [99.03(\text{HPLC Purity})]/100 = 97.77 \%$

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, ¹H NMR, IR AND TGA