

CERTIFICATE OF ANALYSIS

(Certificate No. KMC004001-01)

Release Date: 29/02/2024

Re-test Date: 28/02/2027

N-Nitroso Chloroquine

Identification

Chemical Name :

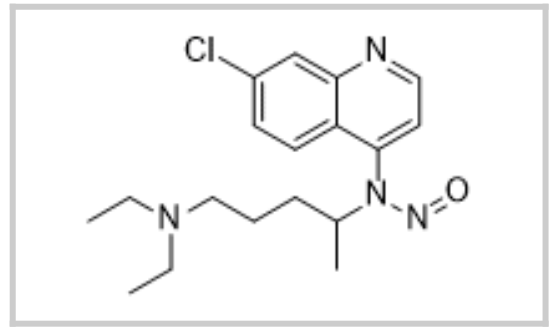
N-(7-chloroquinolin-4-yl)-N-(5-(diethylamino)pentan-2-yl)nitrous amide

CAT No. : KMC004001

CAS No. : Not Available

Molecular Formula : C₁₈H₂₅ClN₄O

Molecular Weight : 348.87



Analytical Information

Batch No. : CHL-N-NO-073-068

Description : Brown Thick Syrup

HPLC Purity : 98.90 %

Weight Loss By TGA : 1.10 %

% Potency : 97.81 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 = $[100 - 1.10(\text{Weight Loss By TGA})] \times [98.90(\text{HPLC Purity})]/100 = 97.81 \%$

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		29/02/2024

Attachments : COA, SER, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA