

CERTIFICATE OF ANALYSIS

(Certificate No. KME004001-01)

Release Date: 08/11/2023

Re-test Date: 07/11/2026

N-Nitroso Escitalopram Impurity

Identification

Chemical Name :

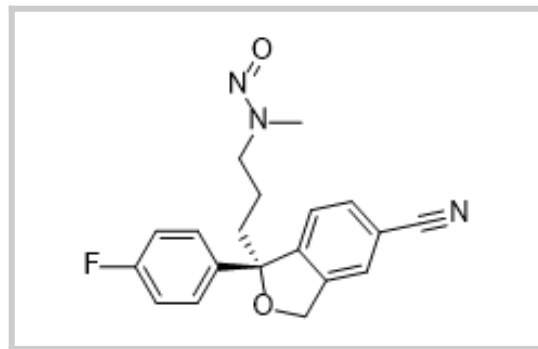
(S)-N-(3-(5-cyano-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-1-yl)propyl)-N-methylnitrous amide (Mixture of E/Z Isomer)

CAT No. : KME004001

CAS No. : Not Available

Molecular Formula : C₁₉H₁₈FN₃O₂

Molecular Weight : 339.36



Analytical Information

Batch No. : CIT-N-NO-045-321

Solubility : ACN

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 99.81 %

IR : Confirm

Weight Loss By TGA : 1.81 %

¹H NMR : Confirm

% Potency : 98 %

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 - 1.81(Weight Loss By TGA)] x [99.81(HPLC Purity)]/100 = 98 %

Remarks : COA Re-generated on 13.06.2024

-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/06/2024

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