

CERTIFICATE OF ANALYSIS

(Certificate No. KMD017001-02)

Release Date: 13/11/2024

Re-test Date: 12/11/2027

Doxylamine N'-Oxide

Identification

Chemical Name :

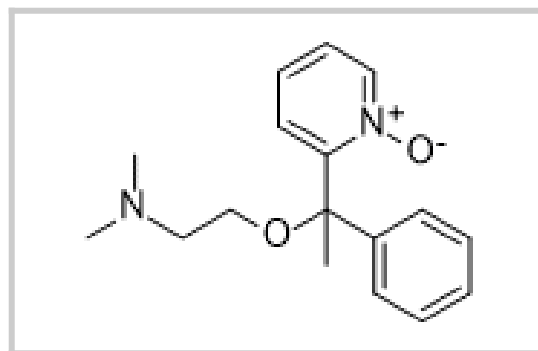
2-(1-(2-(dimethylamino)ethoxy)-1-phenylethyl)pyridine 1-oxide

CAT No. : KMD017001

CAS No. : 99430-77-0

Molecular Formula : C₁₇H₂₂N₂O₂

Molecular Weight : 286.37



Analytical Information

Batch No. : D017001-091-029

Solubility : Acetonitrile

Description : Light Yellow Hygroscopic Solid

Mass : Confirm

HPLC Purity : 99.11 %

IR : Confirm

Weight Loss By TGA : 0.06 %

¹H NMR : Confirm

% Potency : 99.05 %

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 - 0.06(Weight Loss By TGA)] x [99.11(HPLC Purity)]/100 = 99.05 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/11/2024

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