CERTIFICATE OF ANALYSIS

(Certificate No. KMD017002-01)

Release Date: 19/04/2024 **Re-test Date:** 18/04/2027

Doxylamine Dioxide

Identification

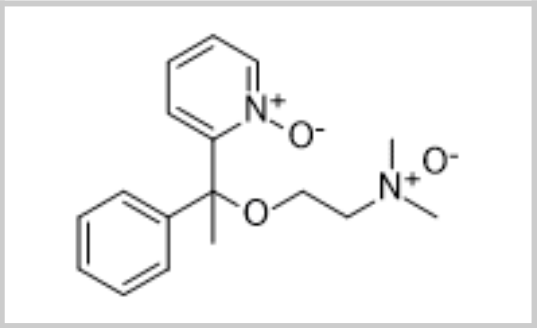
Chemical Name :
N,N-dimethyl-2-(1-(1-oxidopyridin-2-yl)-1-phenylethoxy)ethanamine oxide

CAT No. : KMD017002

CAS No. : 105176-70-3

Molecular Formula : C17H22N2O3

Molecular Weight : 302.37



Analytical Information

Batch No.	: DOX-DI-N-OXIDE-073-175	**Solubility**	: ACN
Description	: Light Yellow Thick Syrup	**Mass**	: Confirm
HPLC Purity	: 99.57 %	**IR**	: Confirm
Weight Loss By TGA	: 2.85 %	**1H NMR**	: Confirm
% Potency	: 96.73 %		

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 - 2.85(Weight Loss By TGA)] x [99.57(HPLC Purity)]/100 = 96.73 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		19/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		19/04/2024

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