

CERTIFICATE OF ANALYSIS

(Certificate No. KMC030001-01)

Release Date: 26/04/2024

Re-test Date: 25/04/2027

Carbinoxamine Related Compound C

Identification

Chemical Name :

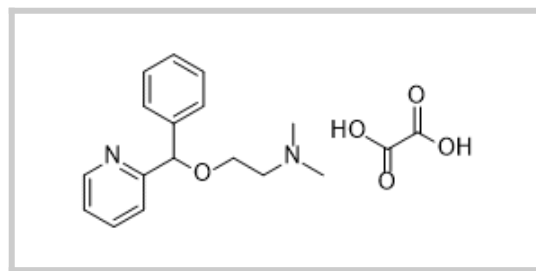
N,N-dimethyl-2-(phenyl(pyridin-2-yl)methoxy)ethanamine oxalate

CAT No. : KMC030001

CAS No. : 2771193-12-3 (oxalate salt) ;
1221-70-1 (free base)

Molecular Formula : C₁₆H₂₀N₂O : C₂H₂O₄

Molecular Weight : 256.34 : 90.0



Analytical Information

Batch No. : CAR-RCC-073-188

Solubility : ACN : Water (1:1)

Description : Off white Hygroscopic Solid

Mass : Confirm

HPLC Purity : 99.04 %

IR : Confirm

Weight Loss By TGA : 0.62 %

¹H NMR : Confirm

% Potency : 98.43 %

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 - 0.62(Weight Loss By TGA)] x [99.04(HPLC Purity)]/100 = 98.43 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/04/2024

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