

CERTIFICATE OF ANALYSIS

(Certificate No. KMR009052-01)

Release Date: 09/03/2026

Re-test Date: 08/03/2029

RANOLAZINE RELATED COMPOUND C

Identification

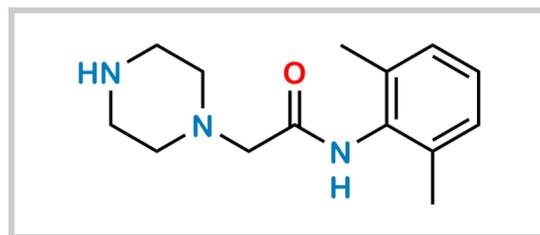
Chemical Name :
1-[(2,6-dimethylphenyl)aminocarbonylmethyl]piperazine

CAT No. : KMR009052

CAS No. : 5294-61-1

Molecular Formula : C₁₄H₂₁N₃O

Molecular Weight : 247.3



Analytical Information

Batch No. : R009052-114-197

Description : Off White Solid

HPLC Purity : 99.94 %

Weight Loss By TGA : 0.58 %

% Potency : 99.36 %

Solubility : ACN

Mass : Confirm

IR : Confirm

¹H 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 - 0.58(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 99.36 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/03/2026

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