

CERTIFICATE OF ANALYSIS

(Certificate No. KMR009053-01)

Release Date: 16/10/2026

Re-test Date: 15/10/2029

RANOLAZINE RELATED COMPOUND D

Identification

Chemical Name :

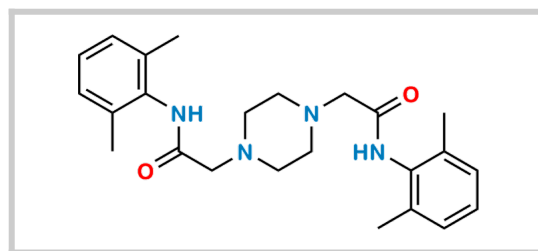
N,N'-bis(2,6-Dimethylphenyl)-1,4-piperazinediacetamide ; N1,N4-Bis(2,6-dimethylphenyl)-1,4-piperazinediacetamide

CAT No. : KMR009053

CAS No. : 380204-72-8

Molecular Formula : C₂₄H₃₂N₄O₂

Molecular Weight : 408.5



Analytical Information

Batch No. : R009053-136-295

Description : White Soild

HPLC Purity : 98.62 %

Weight Loss By TGA : 1.13 %

% Potency : 97.51 %

Solubility : Chloroform : ACN

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 1.13(Weight Loss By TGA)] x [98.62(HPLC Purity)]/100 = 97.51 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		16/10/2026

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA