

CERTIFICATE OF ANALYSIS

(Certificate No. KMR009051-01)

Release Date: 09/03/2026

Re-test Date: 08/03/2029

RANOLAZINE RELATED COMPOUND B

Identification

Chemical Name :

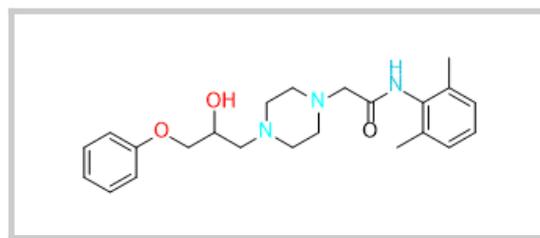
Ranolazine Desmethoxy Impurity ; N-(2,6-dimethylphenyl)-2-(4-(2-hydroxy-3-phenoxypropyl)piperazin-1-yl)acetamide

CAT No. : KMR009051

CAS No. : 755711-09-2

Molecular Formula : C₂₃H₃₁N₃O₃

Molecular Weight : 397.5



Analytical Information

Batch No. : R009051-114-196

Description : Light Yellow Thick Syrup

HPLC Purity : 98.23 %

Weight Loss By TGA : 2.13 %

% Potency : 96.14 %

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 - 2.13(Weight Loss By TGA)] x [98.23(HPLC Purity)]/100 = 96.14 %

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, ¹H NMR, IR and TGA