

CERTIFICATE OF ANALYSIS

(Certificate No. KMR001027-01)

Release Date: 21/07/2026

Re-test Date: 20/07/2029

Ramipril Impurity O

Identification

Chemical Name :

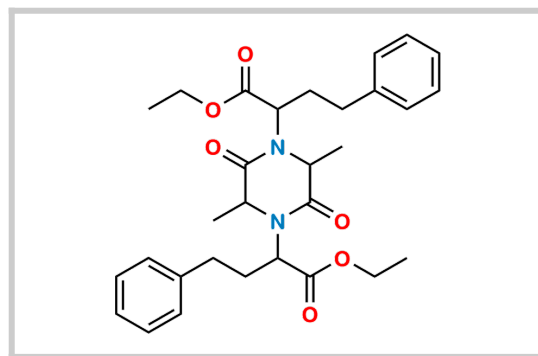
Diethyl 2,2'-(2,5-dimethyl-3,6-dioxopiperazine-1,4-diyl)bis(4-phenylbutanoate)

CAT No. : KMR001027

CAS No. : 151387-05-2

Molecular Formula : C₃₀H₃₈N₂O₆

Molecular Weight : 522.6



Analytical Information

Batch No. : R001027-136-112

Description : Off White Solid

HPLC Purity : 97.99 %

Weight Loss By TGA : 0.18 %

% Potency : 97.81 %

Solubility : Acetonitrile

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 - 0.18(Weight Loss By TGA)] x [97.99(HPLC Purity)]/100 = 97.81 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/07/2026
Reviewed & Approved By	Quality Control	Jatin Patel		21/07/2026

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