

CERTIFICATE OF ANALYSIS

(Certificate No. KMB037007-01)

Release Date: 05/12/2024

Re-test Date: 04/12/2027

Benazepril Related Compound C

Identification

Chemical Name :

(S)-2-[[[(S)-1-(Carboxymethyl)-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-3-yl]amino]-4-phenylbutanoic acid hydrochloride

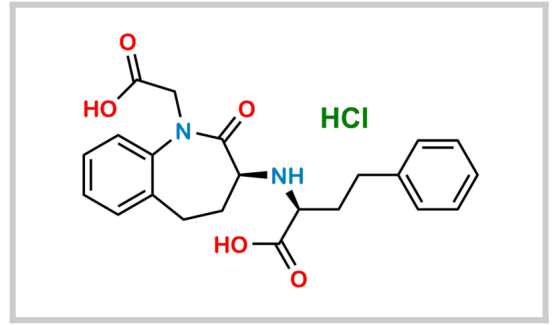
Alt. Name : Benazepril USP Related Compound C

CAT No. : KMB037007

CAS No. : 86541-78-8 (free base) ;
1347874-67-2 (HCl salt)

Molecular Formula : C₂₂H₂₄N₂O₅ : HCl

Molecular Weight : 396.4 : 36.5



Analytical Information

Batch No. : B037007-091-065

Description : Off White Solid

HPLC Purity : 99.09 %

Weight Loss By TGA : 0.25 %

% Potency : 98.84 %

Solubility : Water : Methanol
(1:1)

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 - 0.25(Weight Loss By TGA)] x [99.09(HPLC Purity)]/100 = 98.84 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		06/12/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA