

CERTIFICATE OF ANALYSIS

(Certificate No. KMR001045-01)

Release Date: 09/08/2025

Re-test Date: 08/08/2028

Ramipril Impurity -1

Identification

Chemical Name :

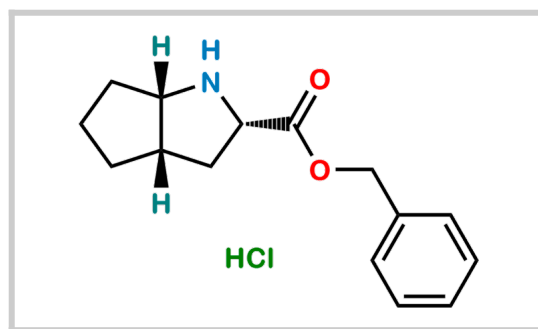
Benzyl (2S,3aS,6aS)-octahydrocyclopenta[b]pyrrole-2-carboxylate hydrochloride

CAT No. : KMR001045

CAS No. : 87269-87-2

Molecular Formula : C₁₅H₁₉NO₂ : HCl

Molecular Weight : 245.3 : 36.5



Analytical Information

Batch No. : RAM-IMP-1-019-306

Description : Off White Solid

HPLC Purity : 99.64 %

Weight Loss By TGA : 2.46 %

% Potency : 97.19 %

Solubility : Methanol

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 - 2.46(Weight Loss By TGA)] x [99.64(HPLC Purity)]/100 = 97.19 %

-Re-tested on 09.08.2025

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 09/08/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 09/08/2025 |

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