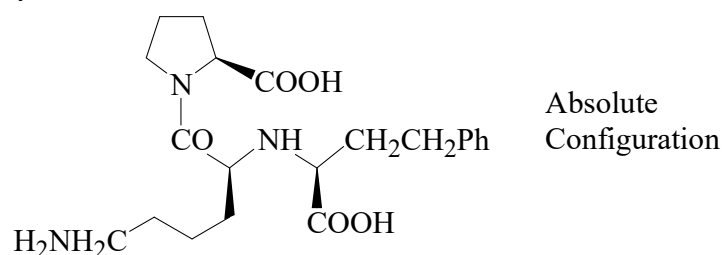




>>Entry Name: Lisinopril, BAN, INN, JAN, USAN

Synonym(s): 1-[N²-(1-Carboxy-3-phenylpropyl)lysyl]proline, 9Cl. Acecomb. Acerbon. Acercomp. Alapril. Carace. Coric. Longes. Novatec. Novazyd. Prinivil. Prinzide. Vivatec. Zestoretic. Zestril. L-154826. MK 521. Many other names



CAS Registry Number: 76547-98-3

Related CAS Registry Numbers(s): 77726-95-5 83915-83-7

Molecular Formula: C₂₁H₃₁N₃O₅

Molecular Weight: 405.493

Accurate Mass: 405.226372

Percentage Composition: C 62.20%; H 7.71%; N 10.36%; O 19.73%

Biological Use/Importance: Angiotensin-converting enzyme inhibitor; antihypertensive agent

Physical Description: Cryst. (MeOH/EtOAc)

Development Status: Marketed drug. Launched 1987. Worldwide 34th best selling prescription drug as Zestril (dihydrate) (\$1.19 bn) (AstraZeneca) and 39th best selling prescription drug as Prinivil and Prinzide (combination with Hydrochlorothiazide [FXF44-U](#)) (\$1.08 bn) (Merck) (2000, Pharma Business)

Melting Point: Mp 159-160°

Optical Rotation: [α]_D²⁵ -23.3 (c, 1 in MeOH)

Calculated Log P Data: Log P -1.74 (calc)

Sigma: L2777

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