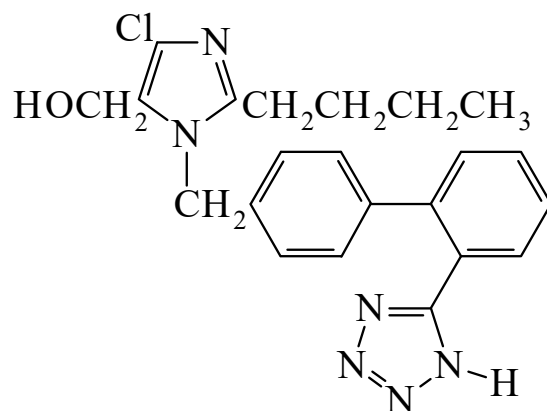




>>Entry Name: Losartan, BAN, INN

Synonym(s): 2-Butyl-4-chloro-1-[[2'-(1*H*-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1*H*-imidazole-5-methanol, 9Cl. 2-Butyl-4-chloro-5-hydroxymethyl-1-[[2'-(1*H*-tetrazol-5-yl)biphenyl-4-yl]methyl]imidazole



CAS Registry Number: 114798-26-4

Molecular Formula: C<sub>22</sub>H<sub>23</sub>ClN<sub>6</sub>O

Molecular Weight: 422.916

Accurate Mass: 422.162186

Percentage Composition: C 62.48%; H 5.48%; Cl 8.38%; N 19.87%; O 3.78%

Biological Use/Importance: Angiotensin II AT<sub>1</sub>-receptor antagonist. Orally active antihypertensive agent, used in the treatment of congestive heart failure

Physical Description: Cryst.

Development Status: Marketed drug. Launched 1994 (Sweden). Worldwide 21st best selling prescription drug as Cozaar and as Hyzaar (in combination with Hydrochlorothiazide [FXF44-U](#)) (\$1.72 bn) (Merck) (2000, PharmaBusiness)

Melting Point: Mp 183.5-184.5°

pKa Value: pK<sub>a</sub> 5

Calculated Log P Data: Log P 4.5 (calc)

>>Derivative: K salt

Synonym(s): Losartan potassium, USAN. Avastar. Cosaar. Cozaar. Lorzaar. Lortaan. Losaprex. Neo-Lotan. DuP 753. MK 954. X 7711

CAS Registry Number: 124750-99-8

Physical Description: Cryst.

Melting Point: Mp 263-264°

>>Derivative: 5-Carboxylic acid

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