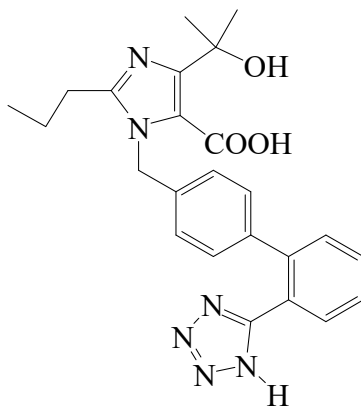




>>Entry Name: Olmesartan, INN

Synonym(s): 4-(1-Hydroxy-1-methylethyl)-2-propyl-1-[[2'-(1*H*-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1*H*-imidazole-5-carboxylic acid, 9Cl. RNH 6270



CAS Registry Number: 144689-24-7

Molecular Formula: C₂₄H₂₆N₆O₃

Molecular Weight: 446.508

Accurate Mass: 446.206639

Percentage Composition: C 64.56%; H 5.87%; N 18.82%; O 10.75%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 199-201°

>>Derivative: (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl ester

Synonym(s): CS 866

Molecular Formula: C₂₉H₃₀N₆O₆

Molecular Weight: 558.593

Accurate Mass: 558.222684

Percentage Composition: C 62.36%; H 5.41%; N 15.04%; O 17.19%

Biological Use/Importance: Prodrug-type angiotensin II receptor antagonist

Physical Description: Cryst. (EtOH)

Melting Point: Mp 180-182° (dec.)

References:

Eur. Pat., 1992, *Sankyo*, 503 785; *CA*, **118**, 22240k, (*CS 866, RNH 6270, synth, pharmacol*)

Mizuno, M. *et al.*, *Eur. J. Pharmacol.*, 1995, **285**, 181-188, (*pharmacol, CS 866, RNH 6270*)

Yanagisawa, H. *et al.*, *J. Med. Chem.*, 1996, **39**, 323-328, (*synth, CS 866, RNH 6270, pmr, ir, pharmacol*)