

Product Name : Losartan

Synonyms : DuP-753

Cat No. : M10523

CAS Number : 114798-26-4

Molecular Formula : C₂₂H₂₃ClN₆O

Formula Weight : 422.91

Chemical Name : 1H-Imidazole-5-methanol, 2-butyl-4-chloro-1-[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-

Description : A selective, competitive angiotensin II receptor type 1 (AT1) antagonist (IC₅₀=20 nM) for treatment of high blood pressure (hypertension). Hypertension Approved

Pathway : GPCR/G Protein

Target : Angiotensin Receptor

Receptor : AT1receptor

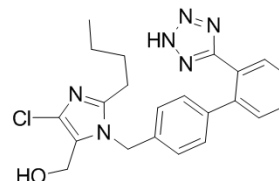
Solubility : 10 mM in DMSO

SMILES : OCC1=C(Cl)N=C(CCCC)N1CC2=CC=C(C3=CC=CC=C3C4=NNN=N4)C=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Burnier, M. Circulation, 2001. 103(6): p. 904-12. | 2. Ashry, O., et al. Respir Physiol Neurobiol, 2014. | 3. Habashi, J.P., et al. Science, 2006. 312(5770): p. 117-21.