Losartan Potassium

**Product Information**

**Product ID** L5873  
**CAS No.** 124750-99-8

**Chemical Name** 2-Butyl-4-chloro-1-[[Z-1H-tetrazol-5-yl][1,1'-biphenyl]-4-yl]methyl]-1H-imidazole-5-methanol monopotassium salt

**Synonym** DuPont-753, Losaprex, Lortaan, Neo-Lotan, Oscaar

**Formula** C_{22}H_{22}ClN_{6}O K  
**Formula Wt.** 461.01

**Melting Point** 263-265°C  
**Purity** ≥98%

**Solubility** Soluble in water to 100 mM, DMSO to 100 mM, and alcohol.

**Store Temp** Ambient  
**Ship Temp** Ambient

**Description** Losartan is an inhibitor of the angiotensin II type 1 (AT1) receptor that exhibits antihypertensive, anti-fibrotic, and nephroprotective activities. In animal models of obstructive nephropathy, losartan decreases levels of α-SMA and collagen type 1 and inhibits phosphorylation of STAT3, suppressing renal tubular fibrosis. Losartan also inhibits the endothelial-to-mesenchymal transition through indirect inhibition of ERK activation, potentially showing anti-fibrotic benefit after myocardial infarction.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.