LKT Laboratories, Inc.

Losartan Carboxylic acid

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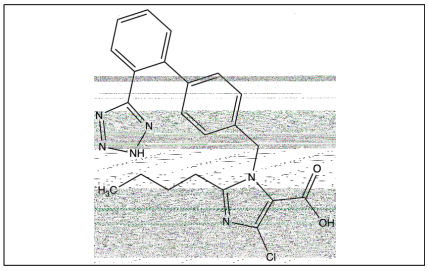
Product Information

Product ID L283720
CAS No. 124750-92-1
Chemical Name 2-Butyl-4-chloro-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl] -1H-imidazole-5-carboxylic Acid
Synonym EXP3174, EXP-3174



Formula $C_{22}H_{21}ClN_6O_2$
Formula Wt. 436.9
Melting Point 153-158°C
Purity ≥ 99%
Solubility

Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
L283720	5 mg	$117.70
L283720	25 mg	$330.50
L283720	50 mg	$598.40

Store Temp -20°C
Ship Temp Ambient
Description Losartan Carboxylic acid (EXP3174) is an active metabolite of Losartan. It was found to be more potent than losartan in blocking the angiotensin II-induced responses in vascular smooth muscle cells.

References

Gromotowicz-Poplawska A, Nazarko-Sadowska J, Chabielska E. Losartan metabolite EXP3174 reduces the weight of formed thrombus in 2K1C hypertensive rats. J Physiol Pharmacol. 2019 Jun;70(3). doi: 10.26402/jpp.2019.3.11. Epub 2019 Sep 27. PMID: 31566190.

Sachinidis A, Ko Y, Weisser P, et.al. EXP3174, a metabolite of losartan (MK 954, DuP 753) is more potent than losartan in blocking the angiotensin II-induced responses in vascular smooth muscle cells. J Hypertens. 1993 Feb;11(2):155-62. doi: 10.1097/00004872-199302000-00007. PMID: 8385175.

Wong PC, Price WA Jr, Chiu AT, et al. Nonpeptide angiotensin II receptor antagonists. XI. Pharmacology of EXP3174: an active metabolite of DuP 753, an orally active antihypertensive agent. J Pharmacol Exp Ther. 1990 Oct;255(1):211-7. PMID: 2213556.