



LKT Laboratories, Inc.

Fosinopril Sodium

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Product Information

Product ID F5773

CAS No. 88889-14-9

Chemical Name

Synonym Dynacil, Eliten, Fosinil, Fosinopril sodium, Fosinorm, Fosipres, Fositen, Fositens, Foziretic, Fucithalamic, Hiperlex, Monopril, Newace, Sapril, Staril, Tenso Stop, Tensogard

Formula C₃₀H₄₅NNaO₇P

Formula Wt. 585.64

Melting Point 196-198 °C

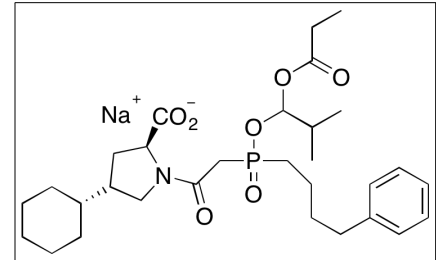
Purity ≥98%

Solubility

Store Temp -20 °C

Ship Temp Ambient

Description Fosinopril is an inhibitor of angiotensin-converting enzyme (ACE) that exhibits antihypertensive and anti-atherosclerotic activities. Fosinopril is clinically used to treat congestive heart failure (CHF). In vivo, fosinopril decreases expression of toll-like receptor 4 (TLR 4) and NF-κB, suppressing formation of atherosclerotic plaques. Additionally, fosinopril decreases left ventricular hypertrophy, pressure, and expression of TGF-β1 in spontaneously hypertensive rats.



Bulk quantities available upon request

Product ID	Size
F5773	25 mg
F5773	100 mg
F5773	250 mg

References Yang S, Li R, Tang L, et al. TLR4-mediated anti-atherosclerosis mechanisms of angiotensin-converting enzyme inhibitor--fosinopril. *Cell Immunol.* 2013 Sep-Oct;285(1-2):38-41. PMID: 24044965.

Huang K, Dai G. The effect and mechanism of fosinopril on ventricular hypertrophy of SHR and left ventricular pressure overloading rat. *J Huazhong Univ Sci Technolog Med Sci.* 2002;22(1):17-20. PMID: 12658773.

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