Lisinopril is an enalapril analog that inhibits angiotensin-converting enzyme (ACE), exhibiting antihypertensive, cardioprotective, and anti-fibrotic activities. Lisinopril is clinically used to treat hypertension, congestive heart failure (CHF), myocardial infarction, and retinal disorders associated with diabetes. In vivo, lisinopril decreases matrix metalloproteinase 2 (MMP2) activity, inhibits left ventricular dilation, and suppresses myocardial hypertrophy, preventing changes in contractility. In other animal models, this compound decreases hydroxyproline levels and inhibits paraquat-induced lung fibrosis.

References


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