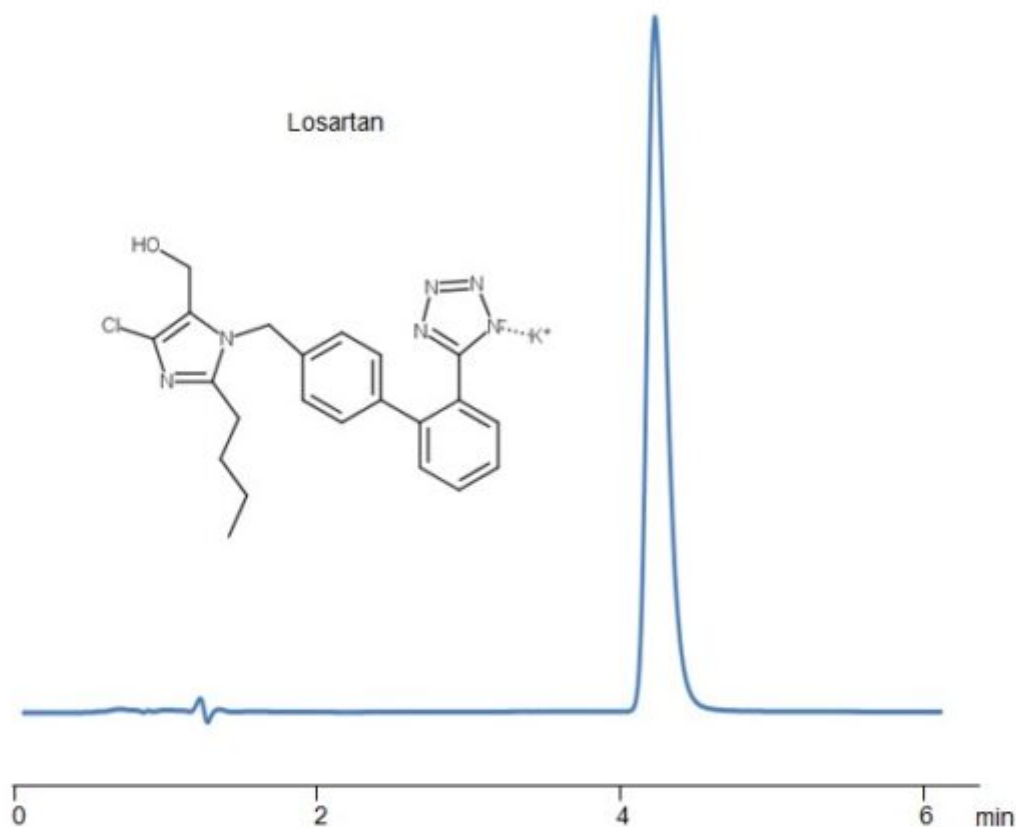


Alltesta HPLC Method for Analysis of Losartan on Newcrom R1 Column

<https://sielc.com/hplc-determination-of-losartan-alltesta>

Chromatogram



Column:	Newcrom R1
Column size:	3,2x 100mm, 5µm, 100Å
Column part number:	NR1-3.2.100.0510
Mobile phase:	MeCN/H ₂ O - 30/70%
Buffer:	None H ₂ SO ₄ - 0.1 %
Flow rate:	0,5 mL/min
Detection:	UV 275 nm

Description

· HPLC Method for Analysis of Losartan on Newcrom R1 Column by SIELC Technologies

Losartan is a medication with the chemical formula C₂₂H₂₃ClN₆O that belongs to a class of drugs known as angiotensin II receptor blockers (ARBs). It is primarily used to treat high blood pressure (hypertension) and certain other conditions related to the heart. It works by blocking the action of angiotensin II, a substance in the body that narrows blood vessels and releases hormones that can raise blood pressure. You can find detailed UV spectra of Losartan and information about its various lambda maxima by visiting the following link.

Losartan can be retained, and analyzed on a reversed-phase Newcrom R1 column with a mobile phase consisting of water, Acetonitrile (MeCN), and sulfuric acid. This analytical method can be detected with high resolution and peak symmetry at a wavelength of 200 nm using UV detection

Method Parameters

Mobile Phase	MeCN/H ₂ O – 30/70%,
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	0.5 ml/min
Detection	UV 275 nm
Class of Compounds	Diphenyl ethers
Analyzing Compounds	Losartan

HPLC Column Used

Newcrom R1, 3.2 x 100 mm, 5 µm, 100 A, dual ended

[Order this column at hplc-shop.de →](https://www.hplc-shop.de)