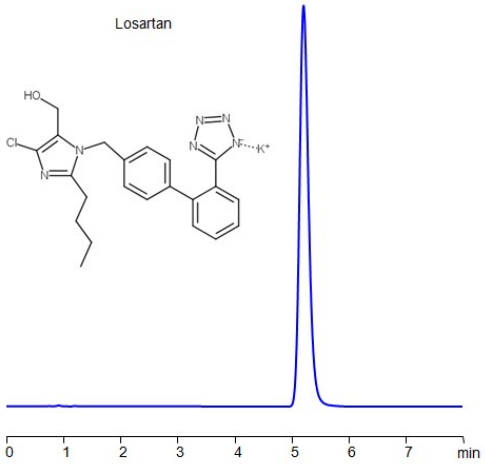
HPLC Method for Analysis of Losartan on Newcrom R1 Column



Column:	Newcrom R1
Column size:	3.2× 100 mm, 5 µm
Column part number:	NR1-3.2.100.0510
Mobile phase:	MeCN/H_2O – 30/70%
Buffer:	H2SO4 – 0.1%
Flow rate:	0.5 mL/min
Detection:	UV 200 nm
Sample:	MeCN/H2O – 30/70%

Separation type: Liquid Chromatography Reversed-phase

Losartan is a medication that belongs to a class of drugs known as angiotensin II receptor blockers (ARBs).

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

Column	Newcrom R1, 3.2 x 100 mm, 5 µm, 100 Å, dual ended
Mobile Phase	MeCN/H2O – 30/70%,
Buffer	H2SO4 – 0.1%
Flow Rate	0.5 mL/min
Detection	UV 200 nm

Quelle: https://sielc.com/hplc-determination-of-losartan

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