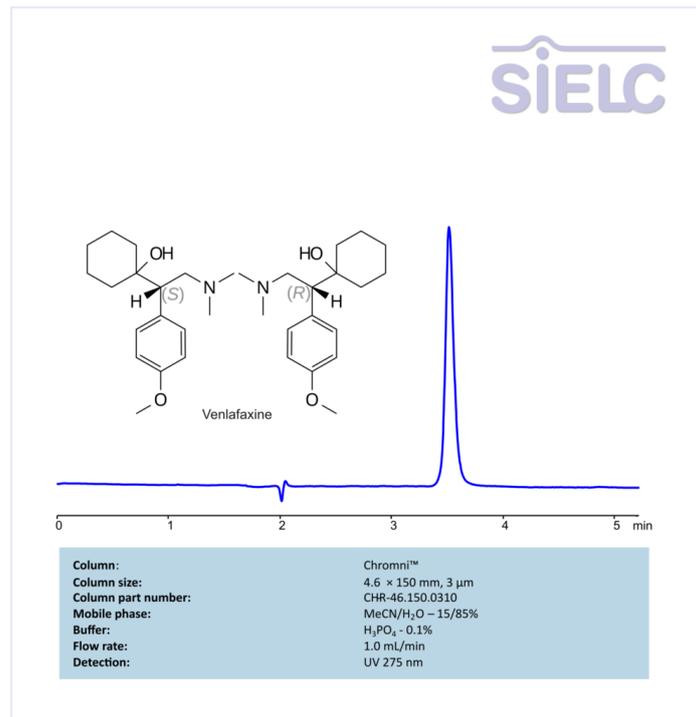


HPLC Method for Analysis of Venlafaxine on Chromni Column



High Performance Liquid Chromatography (HPLC) Method for Analysis of Venlafaxine

Venlafaxine serotonin-norepinephrine reuptake inhibitor (SNRI) with the molecular formula C₁₇H₂₇NO₂.

Properties: Appearance: Variety of tablets and capsules as determined by the distributor

Molecular weight: ~277.402 g/mol

Solubility: Soluble in water.

Uses: Medication for treating Major Depressive Disorder

Venlafaxine can be retained and analyzed using the Chromni stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water, acetonitrile (MeCN). Detection is performed using UV.

Method Parameters

Column	Chromni, 4.6 x 150 mm, 3 µm, 100 Å, dual ended
Mobile Phase	MeCN – 15%
Buffer	Phosphoric Acid
Flow Rate	1.0 mL/min
Detection	UV 275 nm

Quelle: <https://sielc.com/hplc-method-for-analysis-of-venlafaxine-2>