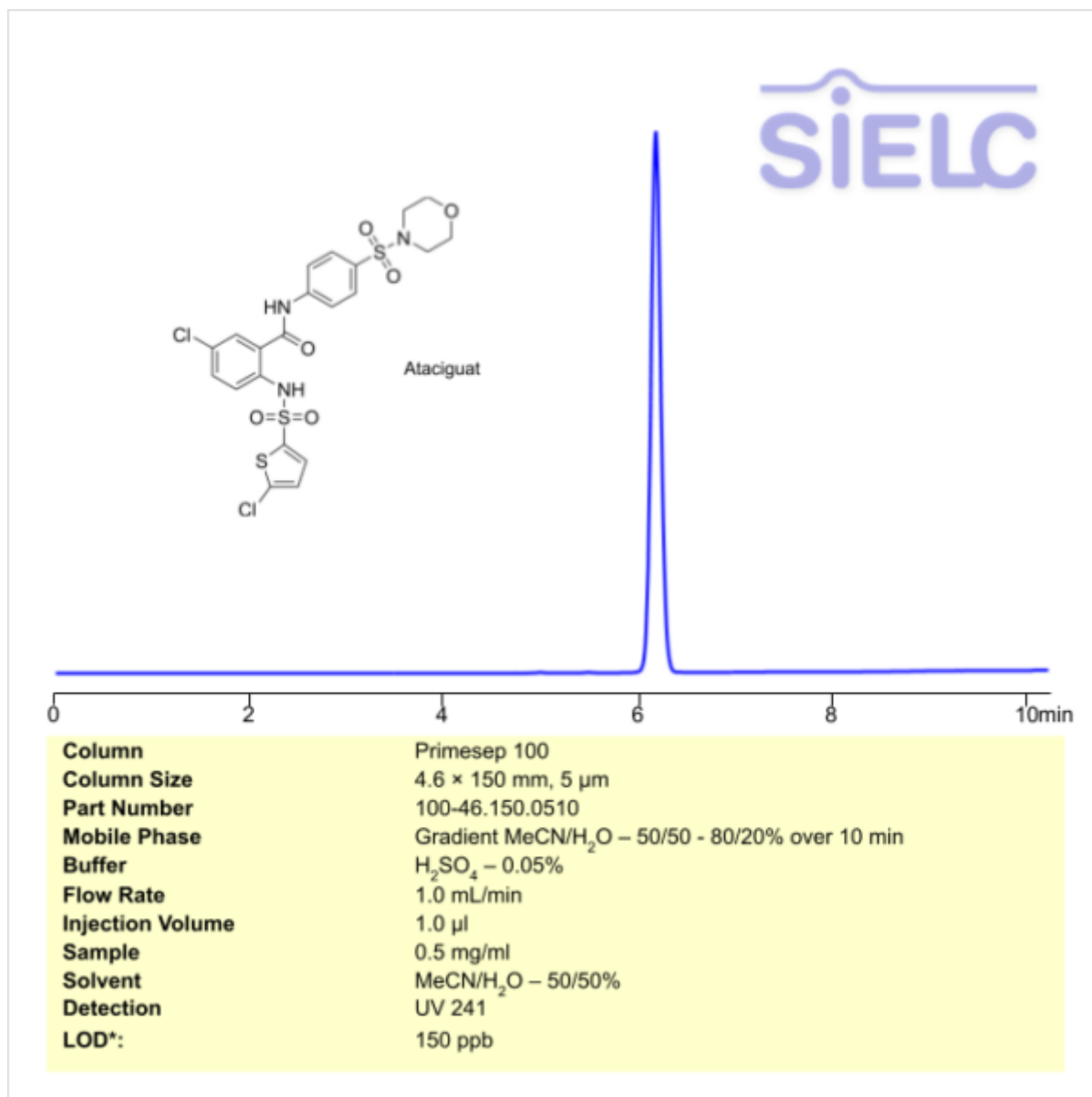


HPLC Method for Analysis of Ataciguat on Primesep 100 Column

<https://sielc.com/hplc-method-for-analysis-of-ataciguat>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Ataciguat .

Ataciguat is a drug with the chemical formula C₂₁H₁₉N₃O₆S₃. It is primarily used as a guanylate cyclase activator. Through activating sGC and restoring the NO-cGMP pathways, it helps to reduce calcium deposition, slow valve calcification, and generally treats calcific aortic valve stenosis. It helps reduce calcium deposition. You can find detailed UV spectra of Ataciguat and information about its various lambda maxima by visiting the following link.

Ataciguat can be retained and analyzed using the Primesep 100 stationary phase column. The analysis utilizes a gradient method with a simple mobile phase consisting of water and acetonitrile (MeCN) and ethanol. Detection is performed using UV.

Method Parameters

Mobile Phase

MeCN/H₂O – 50/50 – 80/20%, 10 min

Buffer	H2SO4 – 0.05%
Flow Rate	1.0 ml/min
Detection	UV 241 nm
Limit Of Detection*	150 ppb
Class of Compounds	Drug
Analyzing Compounds	Ataciguat

HPLC Column Used

Primesep 100, 4.6 x 150 mm, 5 µm, 100 Å, dual ended

[Order this column at hplc-shop.de →](#)