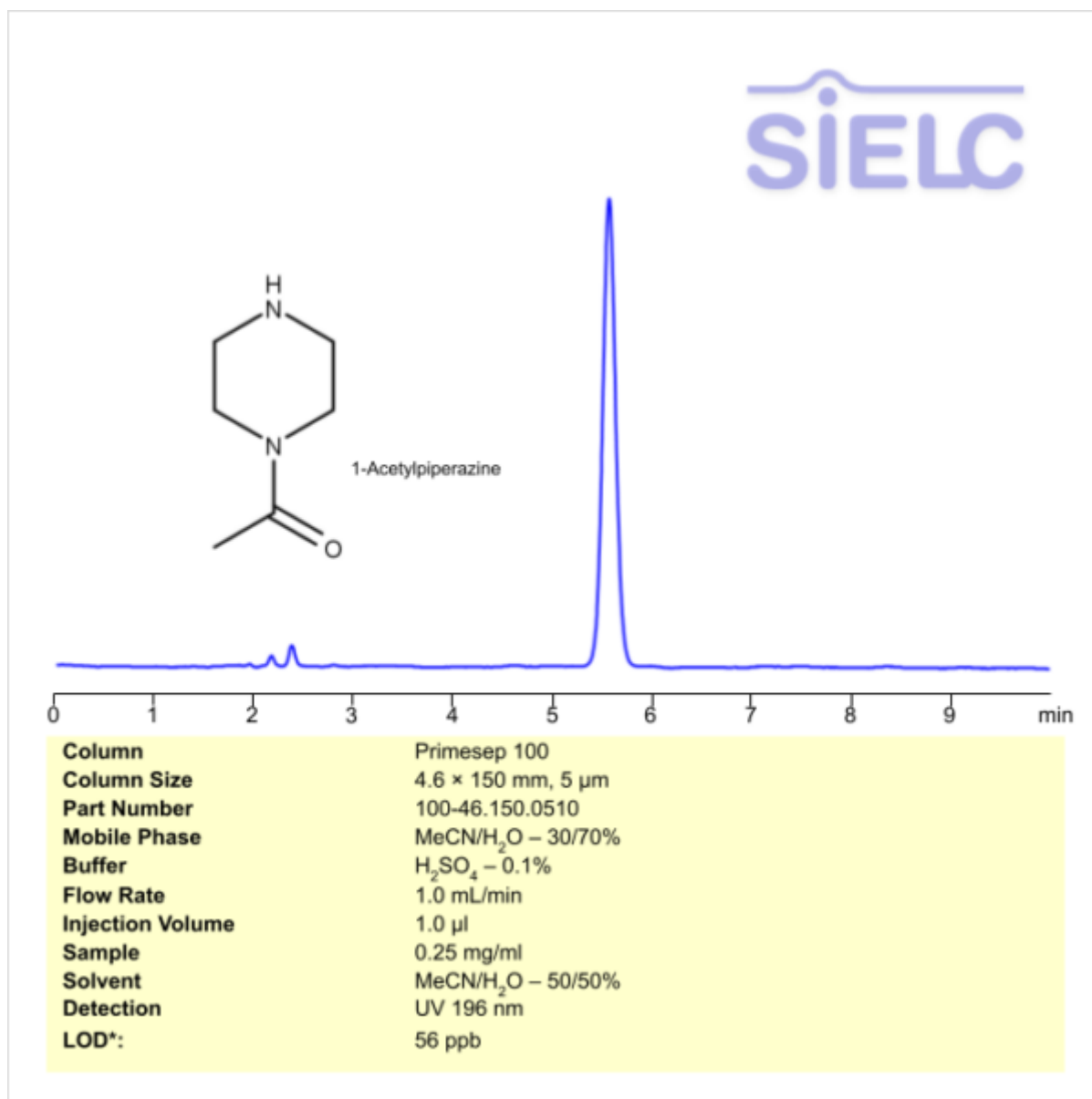


HPLC Method for Analysis of 1-Acetylpiperazine on Primesep 100 Column

<https://sielc.com/hplc-analysis-of-1-acetylpiperazine>

Chromatogram



Description

· HPLC Method for Analysis of 1-Acetylpiperazine in on Primesep 100 Column

1-Acetylpiperazine is an organic compound with the chemical formula C₆H₁₂N₂O. It is used primarily as an intermediate in synthesis of pharmaceutical ingredients. It is also utilized in studies that involved neurotransmitter pathways, agrochemical formulation, and polymer material science. You can find detailed UV spectra of 1-Acetylpiperazine and information about its various lambda maxima by visiting the following link.

1-Acetylpiperazine can be retained and analyzed using the Primesep 100 stationary phase column. The analysis utilizes an isocratic method with a mobile phase consisting of acetonitrile, water, and sulfuric acid. Detection is performed using UV.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 30/70%
Buffer	H ₂ SO ₄ – 0.1%
Flow Rate	1.0 ml/min
Detection	UV 196 nm
Class of Compounds	Intermediate
Analyzing Compounds	1-Acetylpiperazine

HPLC Column Used

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

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