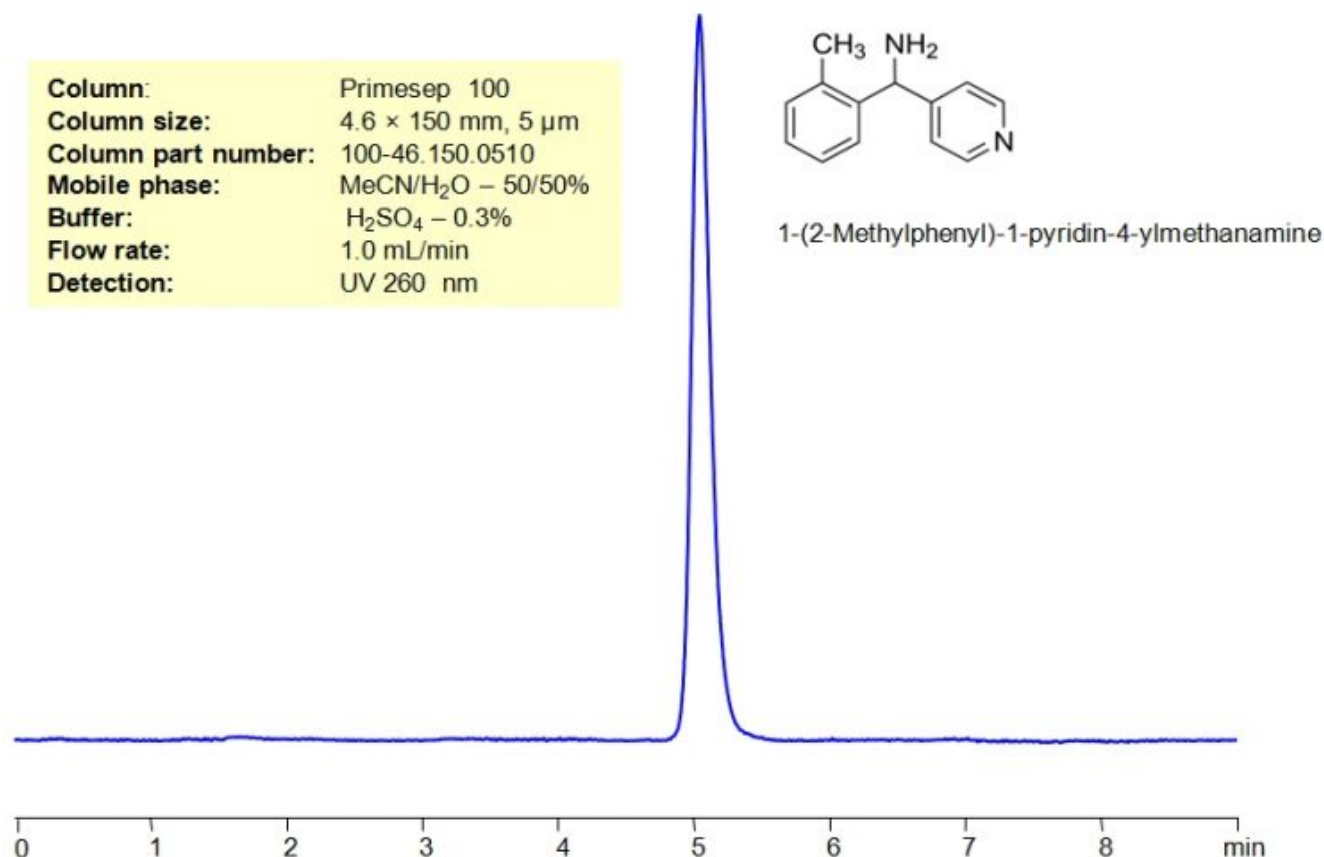


HPLC Determination of 1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride on Primesep 100 Column

<https://sielc.com/hplc-determination-of-1-2-methylphenyl-1-pyridin-4-ylmethanamine-dihydrochloride-on-primesep-100-column>

Chromatogram



Description

High Performance Liquid Chromatography (HPLC) Method for Analysis of 1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride

1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride has the chemical formula C₁₃H₁₄ClN₂.

You can find detailed UV spectra of 1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride and information about its various lambda maxima by visiting the following link.

1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride can be retained on the Primesep 100 mixed-mode column using an isocratic analytical method with a simple mobile phase of water, acetonitrile (MeCN, ACN), and sulphuric acid (H₂SO₄) buffer. The analysis method can be UV detected at 200 nm.

Method Parameters

Mobile Phase	MeCN/H ₂ O – 50/50%
Buffer	H ₂ SO ₄ – 0.3%

Flow Rate	1.0 ml/min
Detection	UV, 200 nm
Class of Compounds	Amine
Analyzing Compounds	1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride

HPLC Column Used

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

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