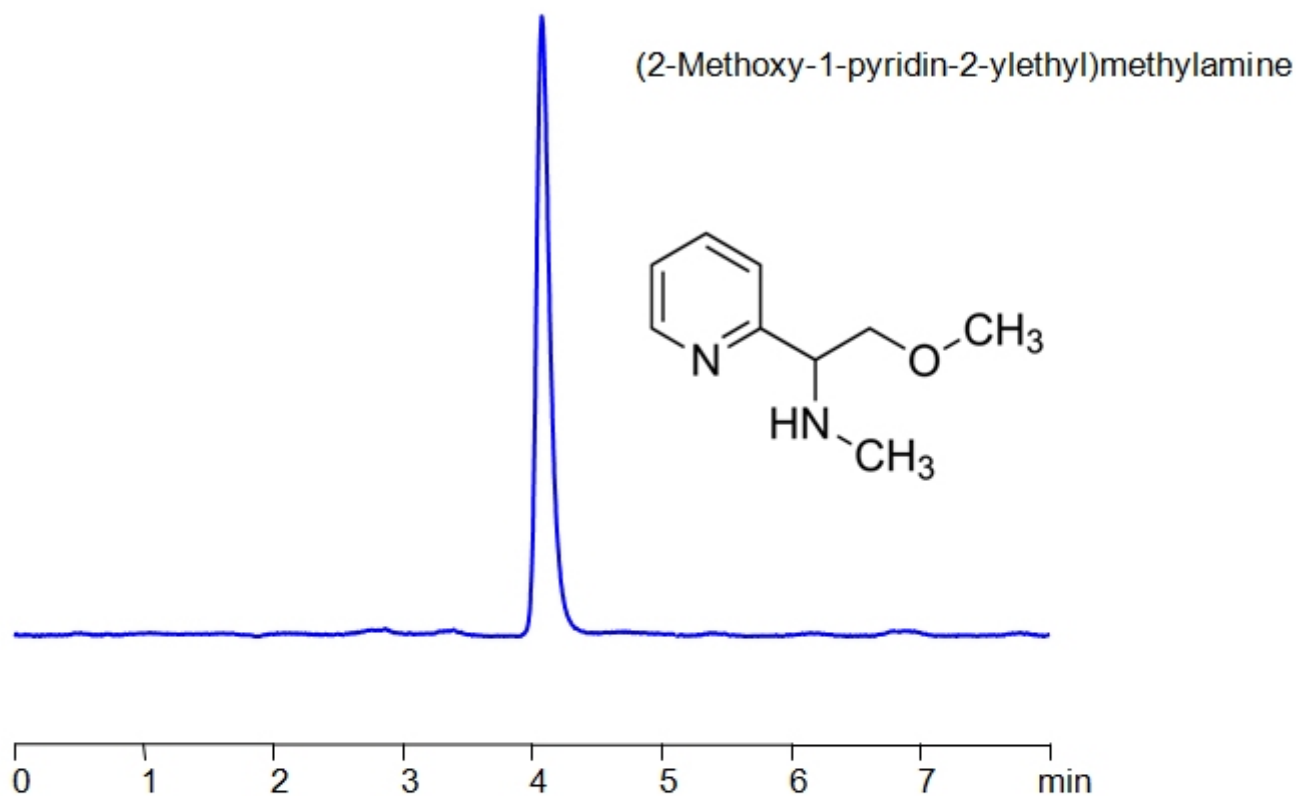


HPLC Determination of (2-Methoxy-1-pyridin-2-ylethyl)methylamine on Primesep 100 Column

<https://sielc.com/hplc-determination-of-2-methoxy-1-pyridin-2-ylethylmethylamine-on-primesep-100-column>

Chromatogram



Column:	Primesep 100
Column size:	4.6 × 150 mm, 5 µm
Column part number:	100-46.150.0510
Mobile phase:	MeCN/H ₂ O – 40/60%
Buffer:	H ₂ SO ₄ – 0.3%
Flow rate:	1.0 mL/min
Detection:	UV 200 nm

Description

High Performance Liquid Chromatography (HPLC) Method for Analysis of (2-Methoxy-1-pyridin-2-ylethyl)methylamine

(2-Methoxy-1-pyridin-2-ylethyl)methylamine has the chemical formula C₉ H₁₄ N₂ O .

You can find detailed UV spectra of (2-Methoxy-1-pyridin-2-ylethyl)methylamine and information about its various lambda maxima by visiting the following link.

(2-Methoxy-1-pyridin-2-ylethyl)methylamine 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 – 40/60%
Buffer	H ₂ SO ₄ – 0.3%
Flow Rate	1.0 ml/min
Detection	UV, 200 nm
Class of Compounds	Amine
Analyzing Compounds	(2-Methoxy-1-pyridin-2-ylethyl)methylamine

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)