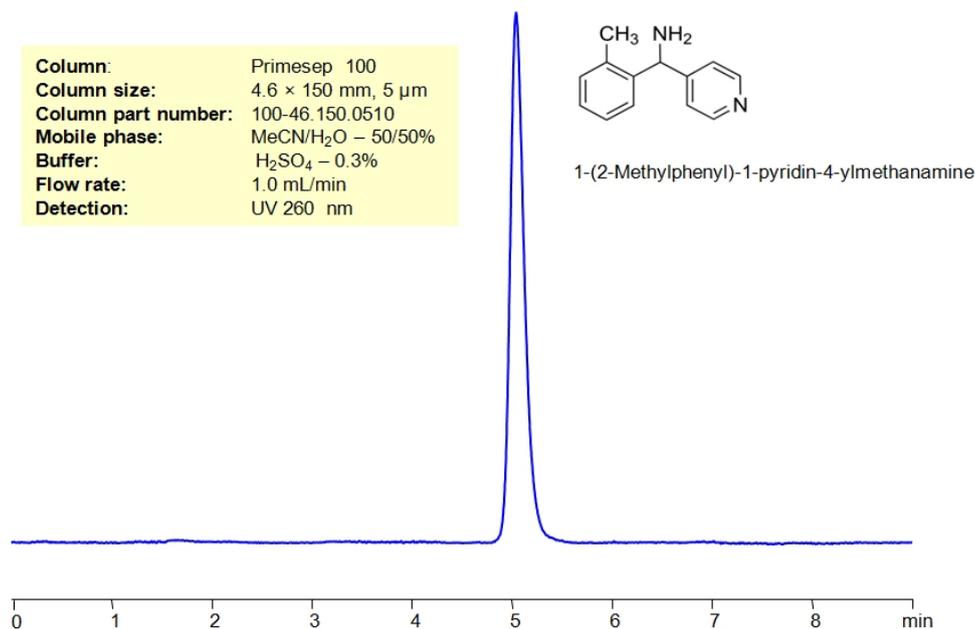


HPLC Determination of 1-(2-Methylphenyl)-1-pyridin-4-ylmethanamine dihydrochloride on Primesep 100 Column



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 C₁₃H₁₄N₂ – .

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

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

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