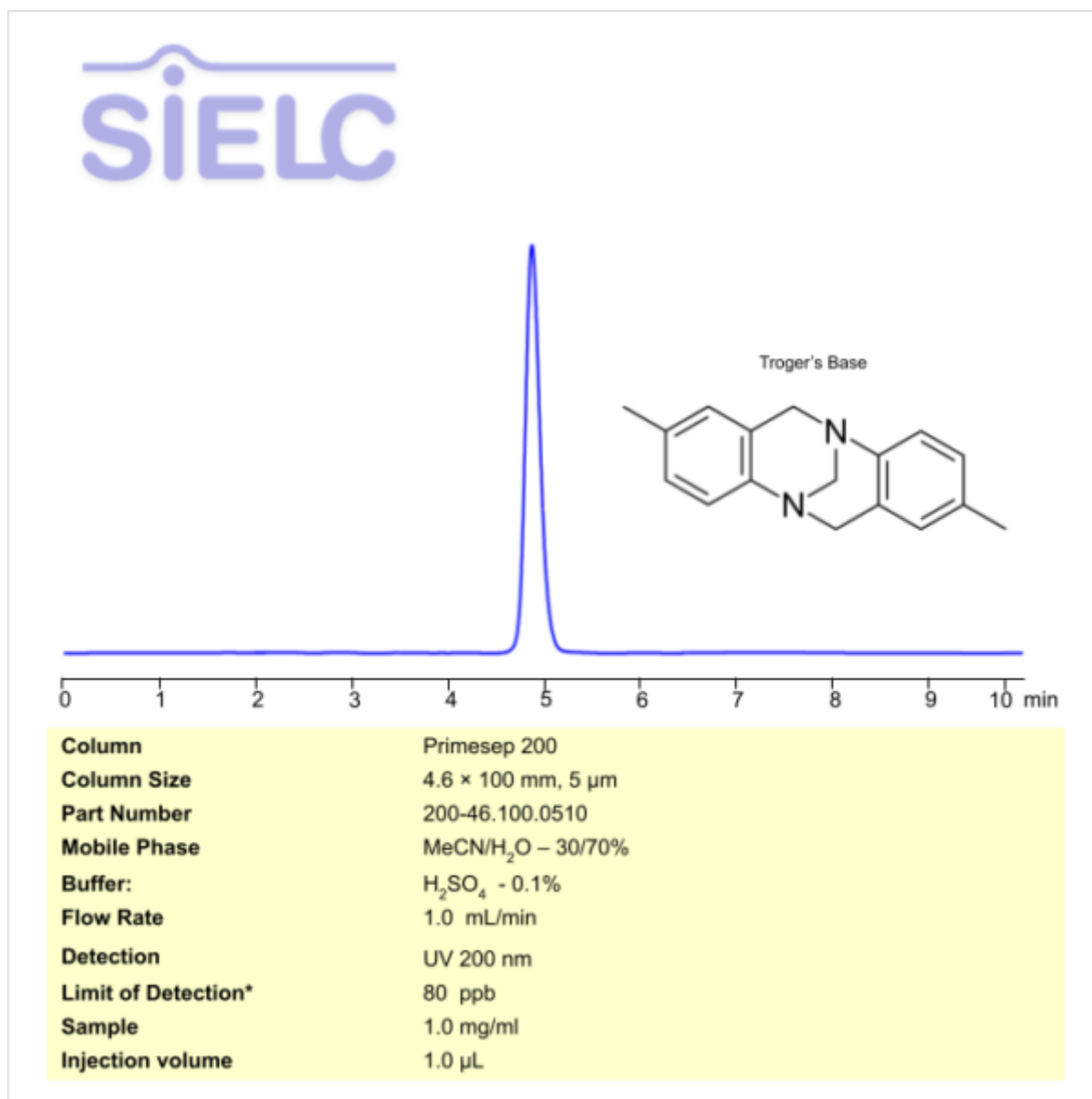


HPLC Method for Analysis of Troger's Base on Primesep 200 Column

<https://sielc.com/hplc-method-for-analysis-of-troger-s-base>

Chromatogram



Description

· High Performance Liquid Chromatography (HPLC) Method for Analysis of Troger's base .

Troger's base , also written as Tröger's base , is a tetracyclic organic compound with the chemical formula C₁₇H₁₈N₂ . The correct structure for the compound was a mystery for 48 years after it's initial synthesis by Julius Tröger. You can find detailed UV spectra of Troger's base and information about its various lambda maxima by visiting the following link.

Troger's base can be retained and analyzed using the Primesep 200 stationary phase column. The analysis utilizes an isocratic method with a simple mobile phase consisting of water and acetonitrile (MeCN) with a sulfuric acid buffer. Detection is performed using LC MS.

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 200
Limit Of Detection*	80 ppb
Class of Compounds	Organic Acid
Analyzing Compounds	Troger's base

HPLC Column Used

Primesep 200, 4.6 x 100 mm, 5 µm, 100 A, dual ended

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