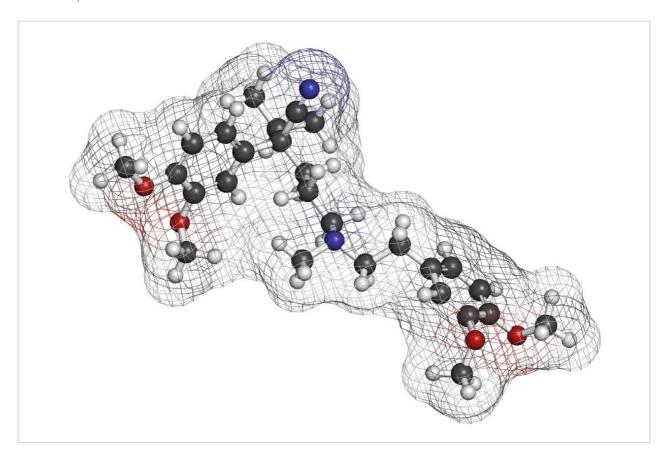
Waters™

Applikationsbericht

Methoxyverapamil

Waters Corporation



This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application note details on the analysis of methoxyverapamil using XTerra RP₁₈ Columns.

Introduction

The compound analyzed in this study is methoxyverapamil.

Methoxyverapamil

Experimental

Conditions

Column: XTerra RP $_{18}$ 4.6 x 150 mm, 5 μm

Part number: 186000492

Mobile phase: pH 3.0: H₂O/ACN/100 mM NH₄COOH, pH 3.0

30:60:10

pH 7.0: H₂O/ACN/100 mM NH₄HCO₃, pH 7.0

40:50:10

pH 10.0 H₂O/ACN/100 mM NH₄HCO₃, pH 10.0

28:62:10

Flow rate: 1.0 mL/min

Injection volume: $5 \mu L \text{ of } 250 \mu g/mL$

Temperature: 30 °C

Detection: UV @ 270 nm

Instrument: Alliance 2695, 2996 PDA

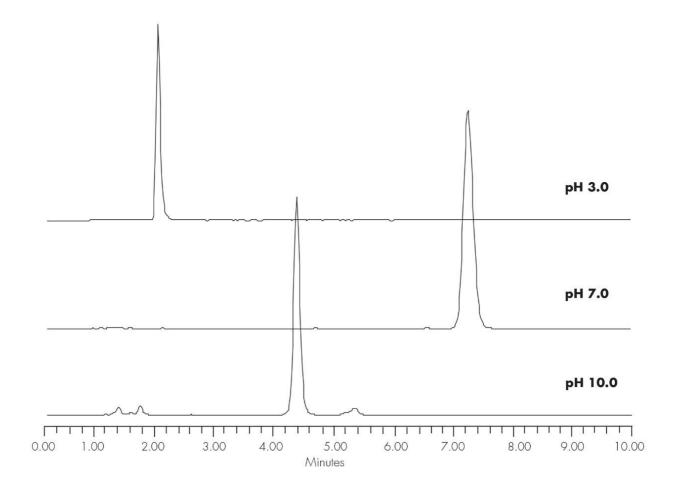
Mobile Phase pH USP Tailing

3.0 1.25

7.0 1.11

10.0 1.1

Results and Discussion



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Alliance HPLC System https://www.waters.com/534293

2998 Photodiode Array (PDA) Detector https://www.waters.com/1001362

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