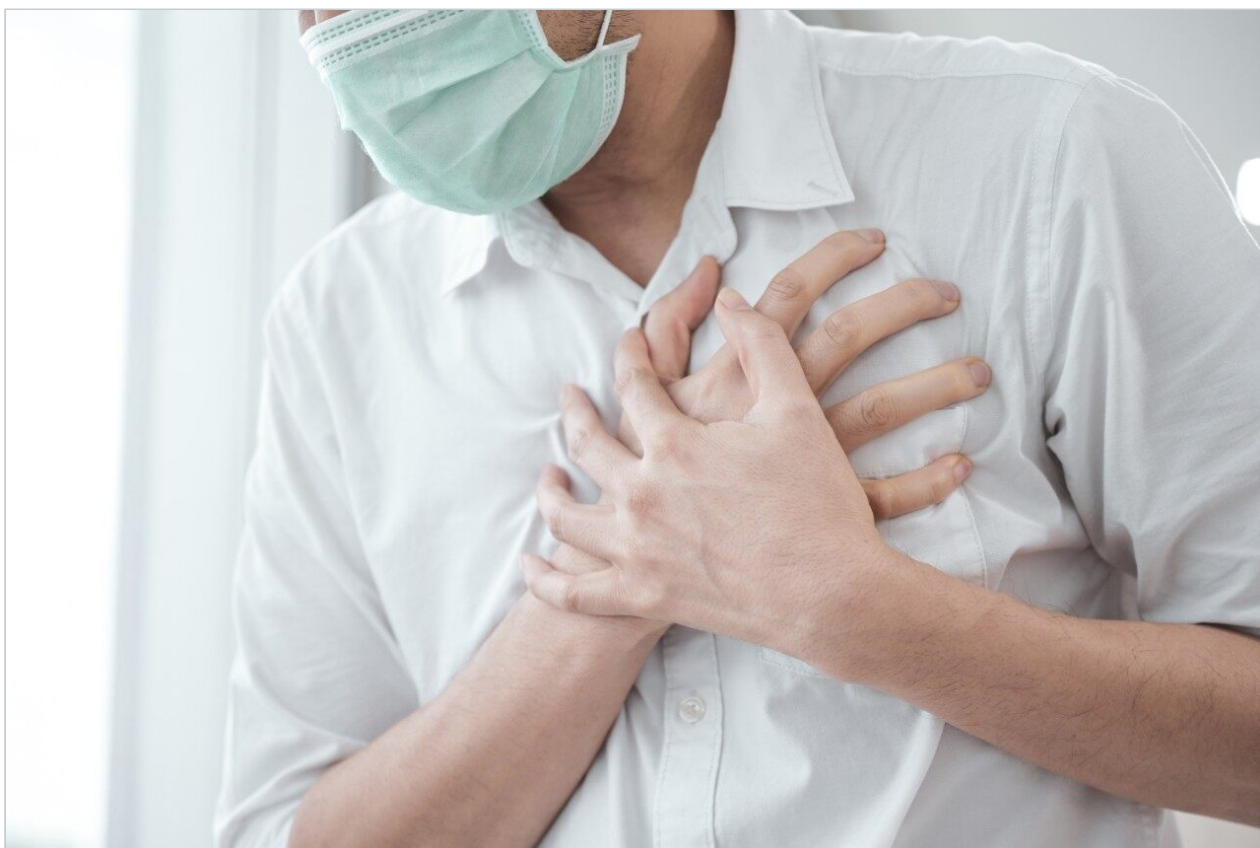


Nota applicativa

Alprenolol - Isocratic, LC-UV

Waters Corporation



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

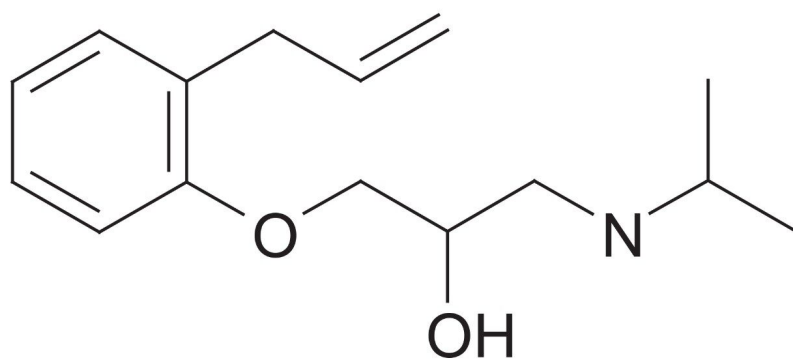
Abstract

This application brief demonstrates analysis of alprenolol.

Introduction

The compound analyzed in this study is alprenolol.

Mobile Phase pH	USP Tailing
3.0	1.19
7.0	1.64
10.0	1.08



Alprenolol

Experimental

Conditions

Column: Xterra RP₁₈ 4.6 x 50 mm, 5 μm

Part number: 186000492

Mobile phase: pH 3.0: H₂O/ACN/100 mM NH₄COOH, pH 3.0
40:50:10
pH 7.0: H₂O/ACN/100 mM NH₄HCO₃, pH 7.0
55:35:10
pH 10.0 H₂O/ACN/100 mM NH₄HCO₃, pH 10.0
55:35:10

Flow rate: 1.0 mL/min

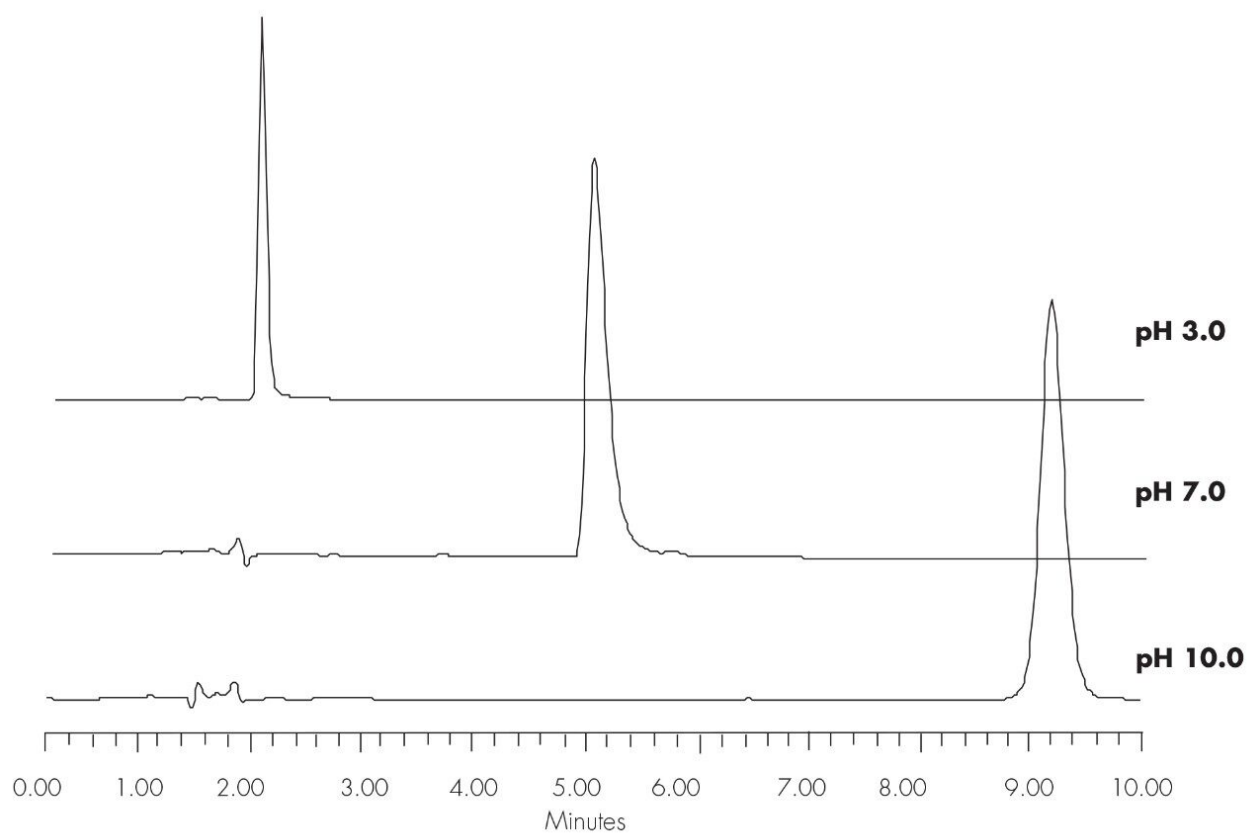
Injection volume: 5 µL of 250 µg/mL

Temperature: 30 °C

Detection: UV @ 270 nm

Instrument: Alliance 2695, 2996 PDA

Results and Discussion



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

WA20738.007, June 2002