

Alprenolol - Isocratic, LC-UV

Waters Corporation



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

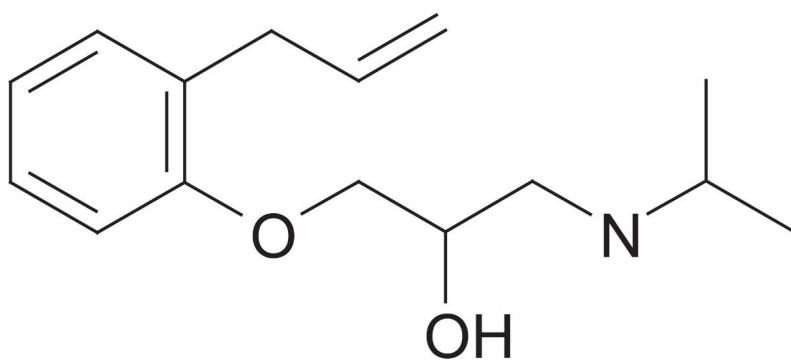
Abstract

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

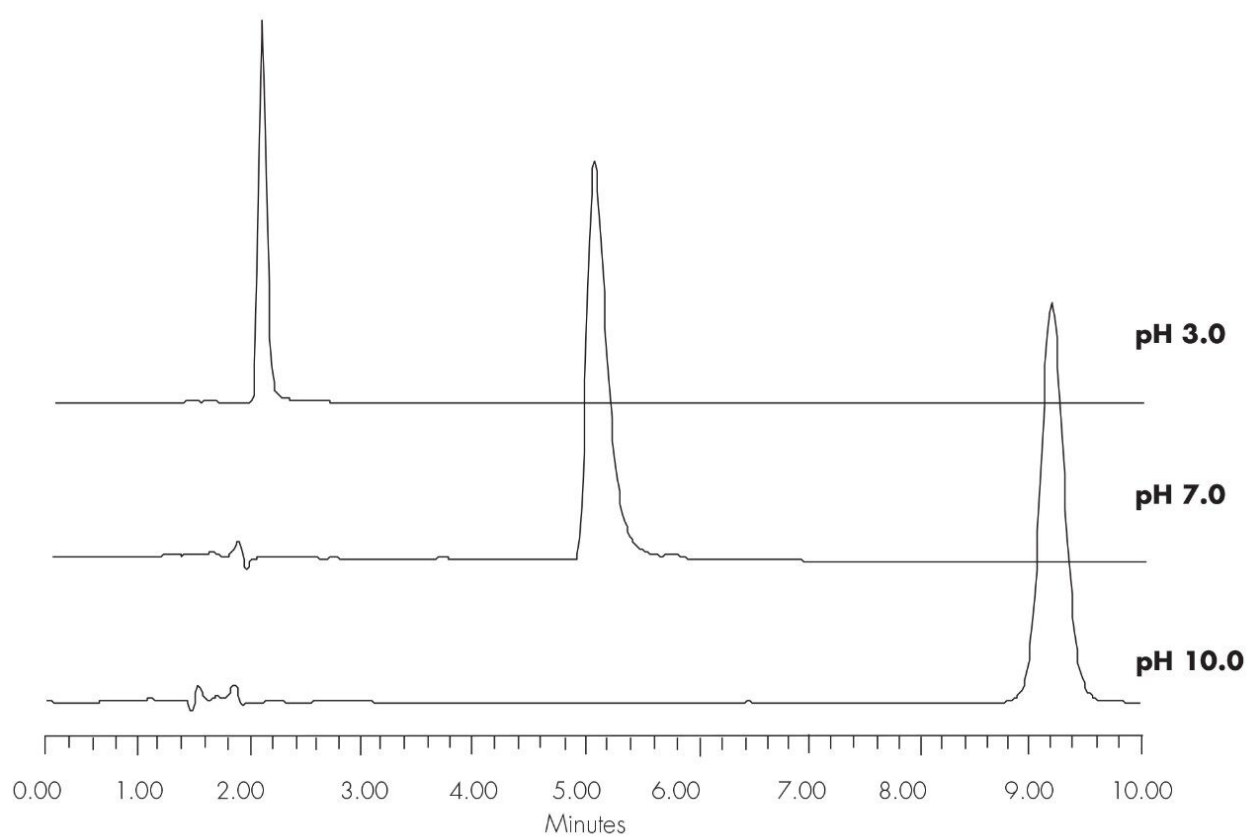
Experimental

Conditions

Column:	Xterra RP ₁₈ 4.6 x 50 mm, 5 µm
Part number:	186000492

Mobile phase:	pH 3.0: H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0 40:50:10 pH 7.0: H ₂ O/ACN/100 mM NH ₄ HCO ₃ , pH 7.0 55:35:10 pH 10.0 H ₂ O/ACN/100 mM NH ₄ HCO ₃ , 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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