

Fenoprofen

Waters Corporation



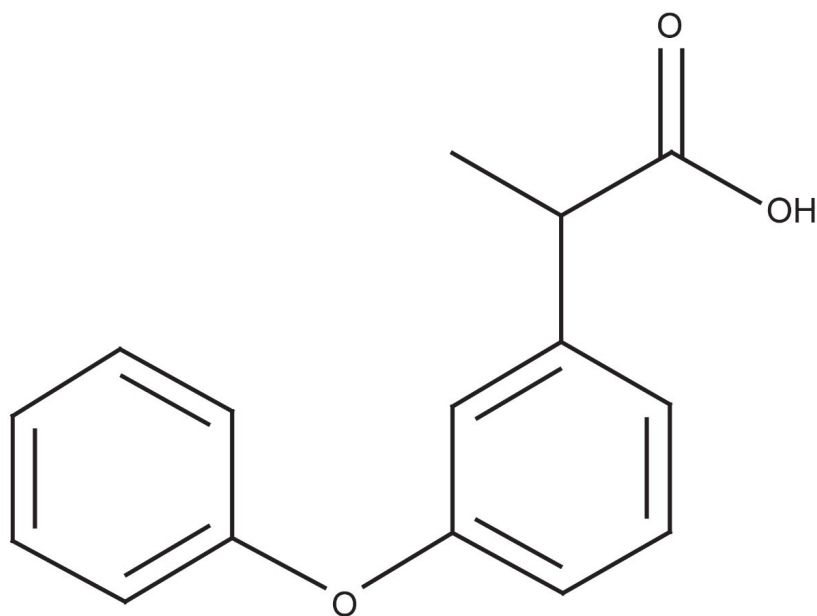
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates analysis of fenoprofen.

Introduction

The compound analyzed in this study is fenoprofen.



Fenoprofen

Experimental

Conditions

Column:	Xterra RP ₁₈ 4.6 x 150 mm, 5 μm
Part number:	186000492
Mobile phase:	pH 3.0: H ₂ O/ACN/100 mM NH ₄ COOH, pH 3.0 15:75:10

pH 7.0: H₂O/ACN/100 mM NH₄HCO₃, pH 7.0
60:30:10

pH 10.0 H₂O/ACN/100 mM NH₄HCO₃, pH 10.0
68:22:10

Flow rate: 1.0 mL/min

Injection volume: 5 µL of 250 µg/mL

Temperature: 30 °C

Detection: UV @ 254 nm

Instrument: Alliance 2695, 2996 PDA

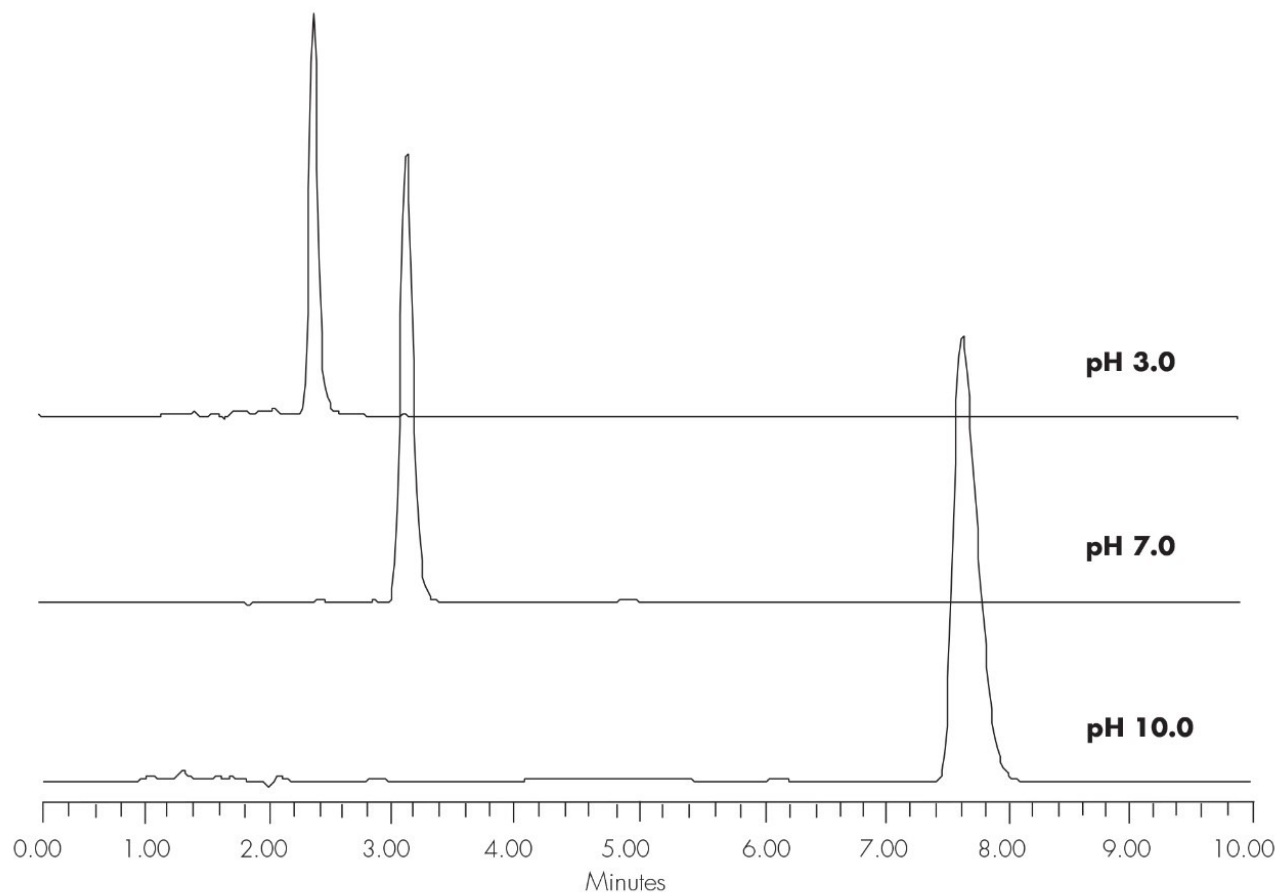
Mobile Phase pH USP Tailing

3.0 1.22

7.0 1.18

10.0 1.54

Results and Discussion



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WA20738.051, June 2002



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