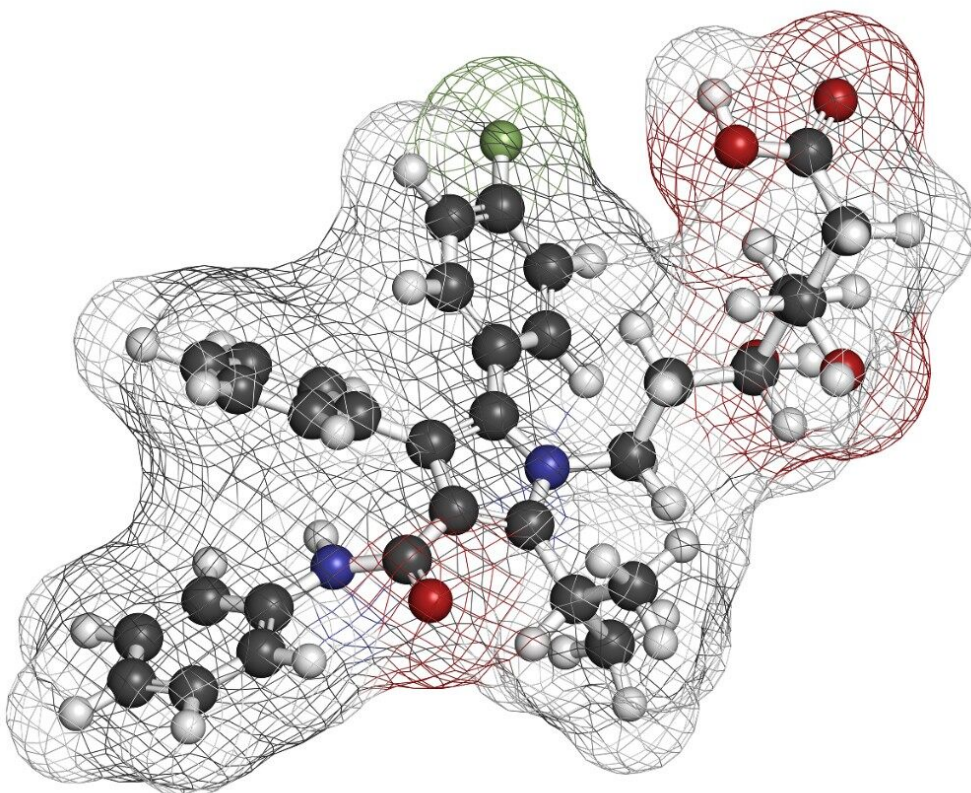


Atorvastatin - XTerra MS C₁₈

Waters Corporation



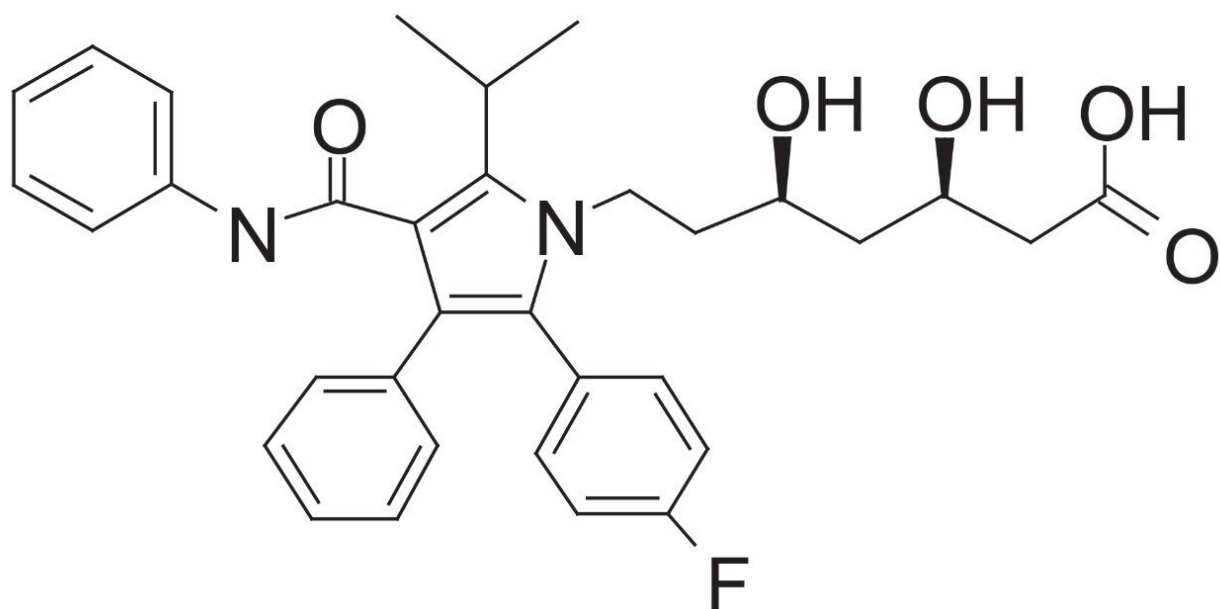
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates the analysis of atorvastatin using XTerra MS C₁₈ Columns.

Introduction

In this study the compound analyzed is atorvastatin.



Atorvastatin

Atorvastatin

Experimental

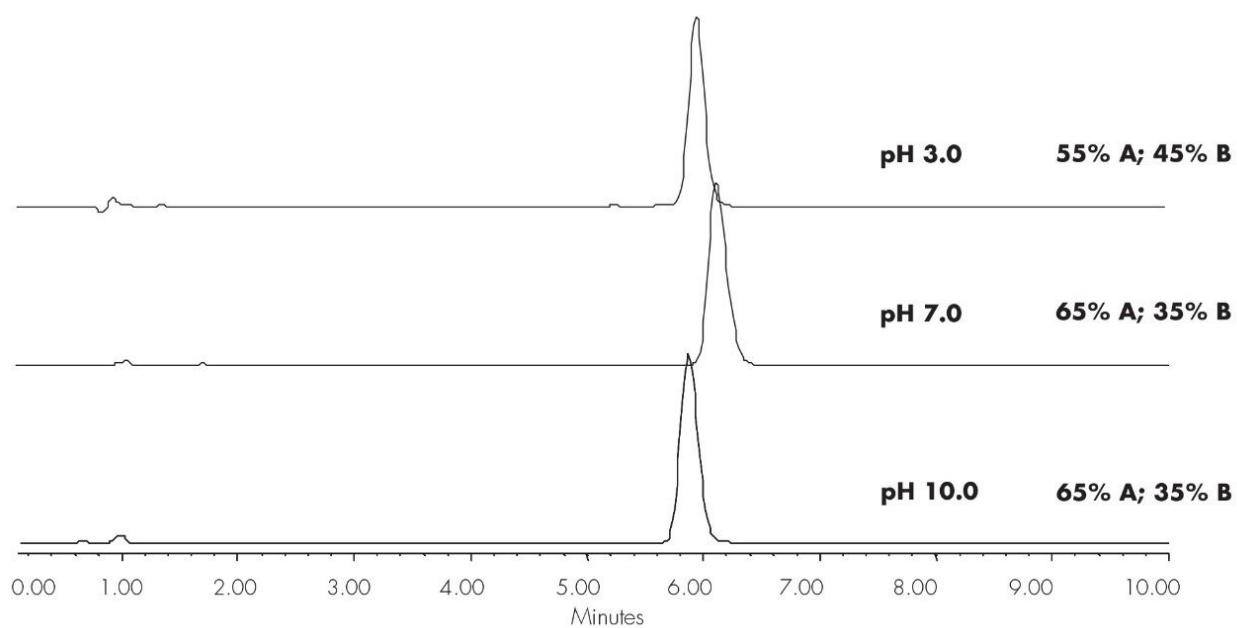
Conditions

Column:	XTerra MS C ₁₈ 4.6 x 100 mm, 3.5 μm
Part number:	186000436
Mobile phase A:	10 mM NH ₄ COOH, pH 3.0

Mobile phase A:	10 mM NH ₄ HCO ₃ , pH 7.0
Mobile phase A:	10 mM NH ₄ HCO ₃ , pH 10.0
Mobile phase B:	ACN
Isocratic Conditions as Indicated	
Flow rate:	1.4 mL/min
Injection volume:	2 µL
Sample Concentration:	0.25 mg/mL
Temperature:	30 °C
Detection:	UV @ 254 nm
Instrument:	Alliance 2795 HT, 2996 PDA

Mobile Phase pH	USP Tailing
3.0	1.06
7.0	1.23
10.0	1.15

Results and Discussion



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WA20738.013, June 2002