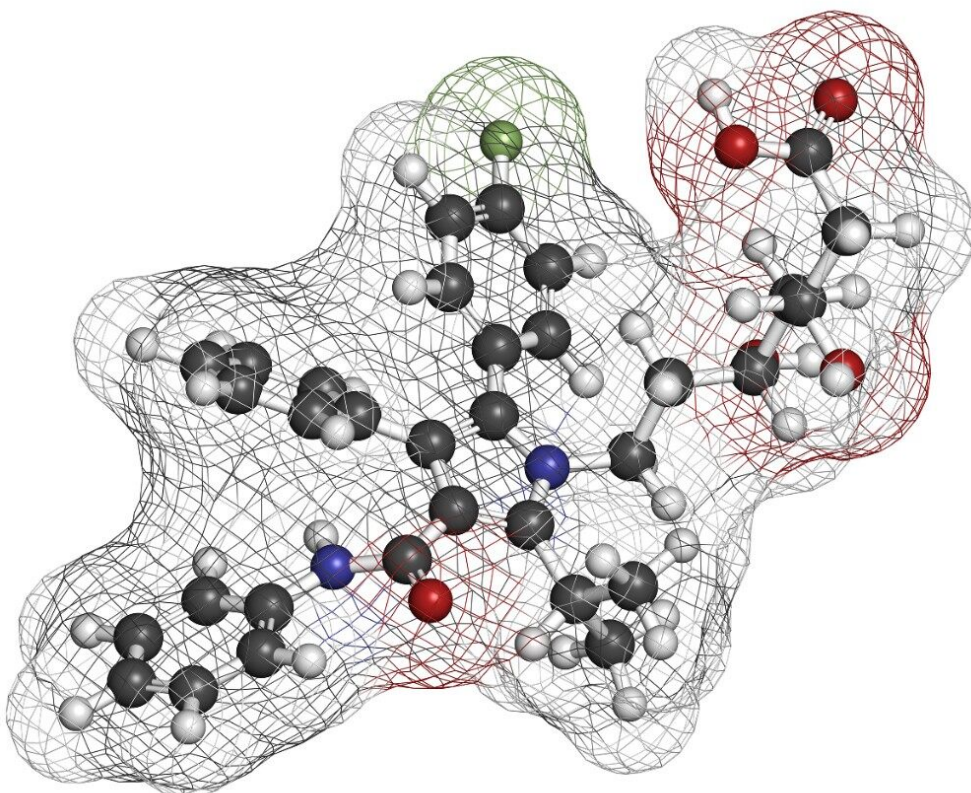


## Atorvastatin - XTerra RP<sub>18</sub>

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Waters Corporation



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

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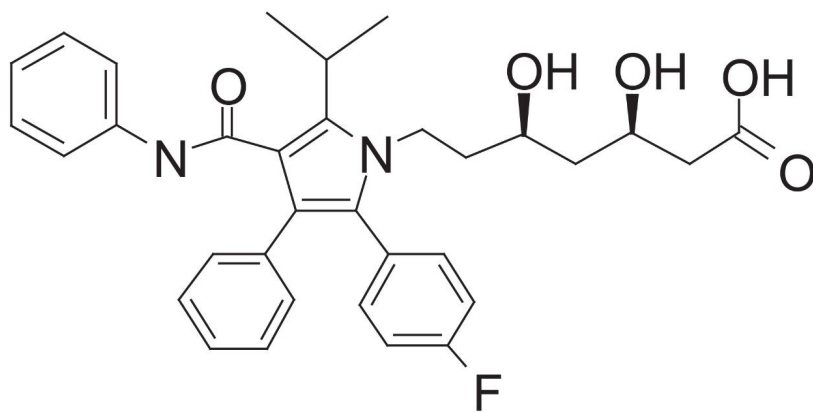
### Abstract

This application brief demonstrates the analysis of atorvastatin using XTerra RP<sub>18</sub> Columns.

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## Introduction

In this study the compound analyzed is atorvastatin.



Atorvastatin

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## Experimental

### Conditions

|                 |                                                  |
|-----------------|--------------------------------------------------|
| Column:         | XTerra RP <sub>18</sub> 4.6 x 100 mm, 3.5 μm     |
| Part number:    | 186000438                                        |
| Mobile phase A: | 10 mM NH <sub>4</sub> COOH, pH 3.0               |
| Mobile phase A: | 10 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.0  |
| Mobile phase A: | 10 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 10.0 |
| Mobile phase B: | ACN                                              |

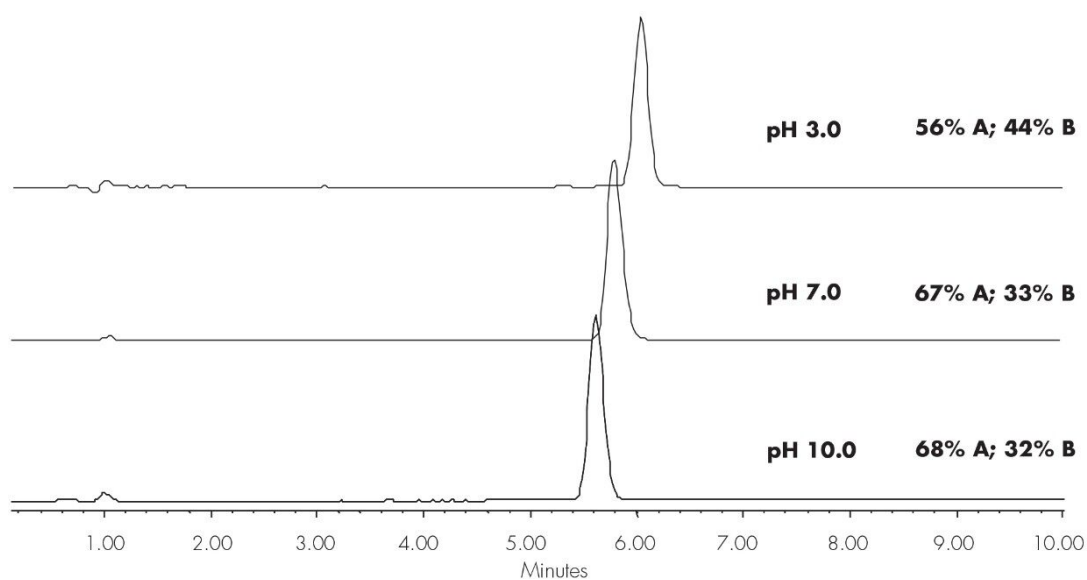
Isocratic Conditions as Indicated

|                       |                            |
|-----------------------|----------------------------|
| 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             | 1.04        |
| 7.0             | 1.19        |
| 10.0            | 1.11        |

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## Results and Discussion



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## Featured Products

WA20738.014, June 2002