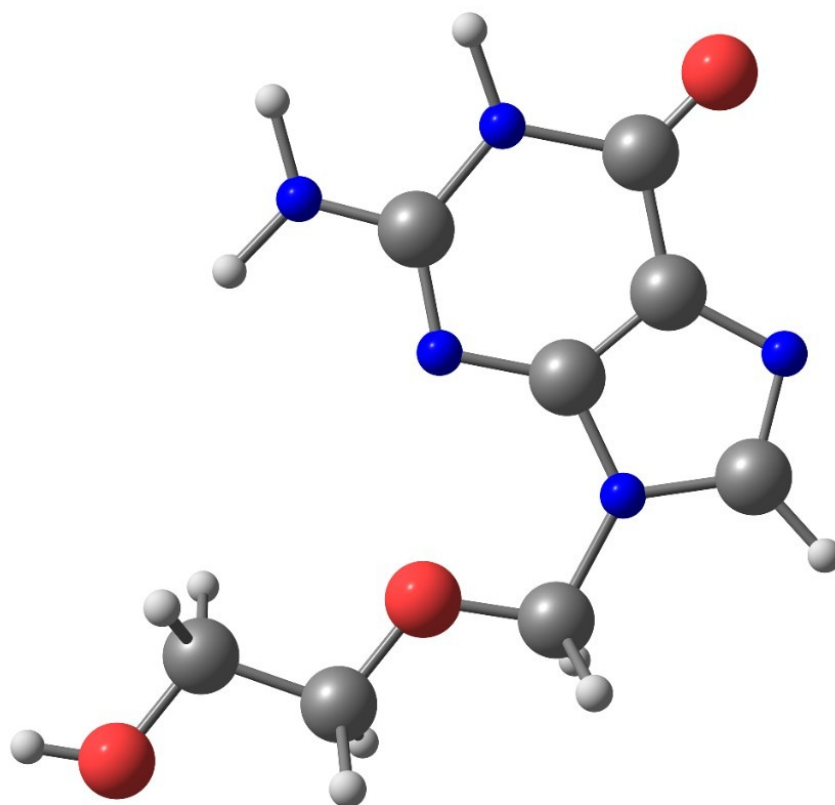


## Isocratic Analysis of Acyclovir on Atlantis T3 Columns

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Waters Corporation



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

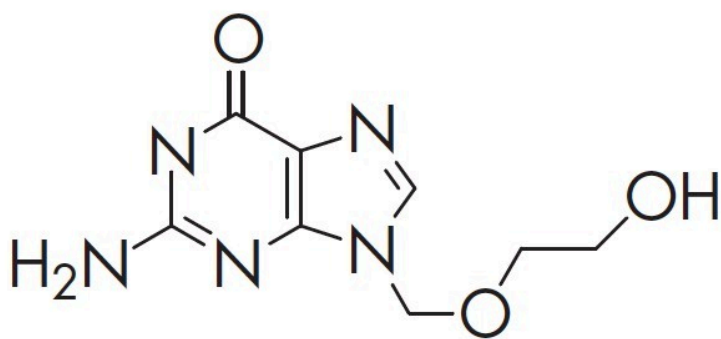
### Abstract

This application brief demonstrates isocratic analysis of acyclovir on Atlantis T3 Columns.

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## Introduction

The compound used in this study is Acyclovir.



Acyclovir

## Experimental

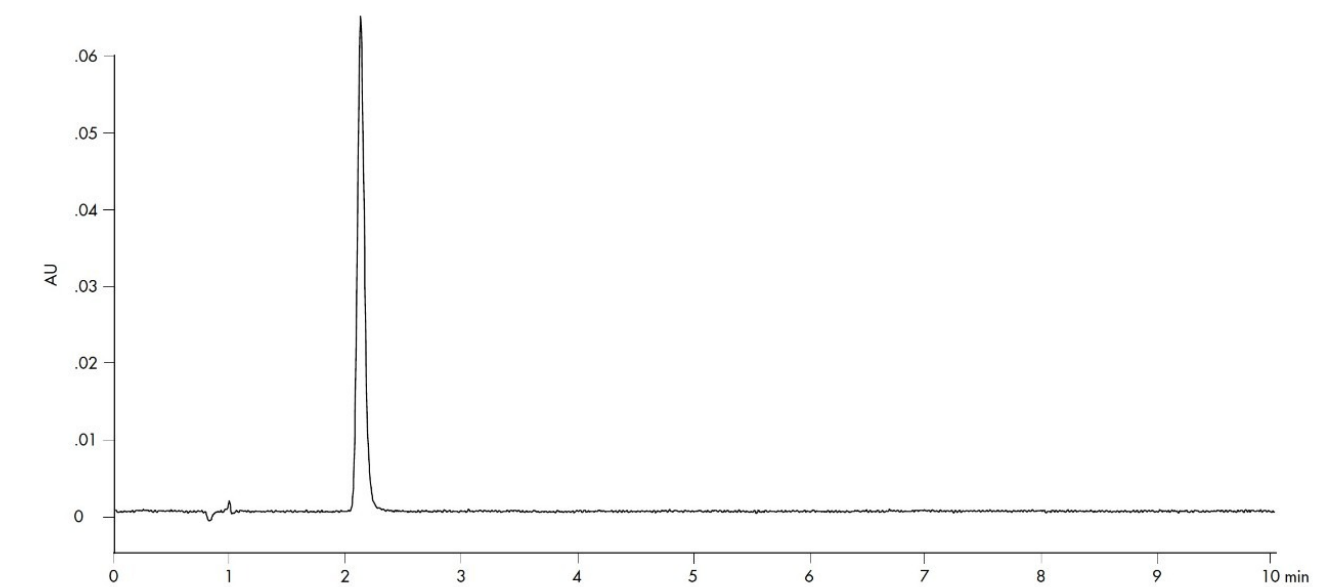
### Test Conditions

|                 |                                     |
|-----------------|-------------------------------------|
| Column:         | Atlantis T3, 4.6 x 50 mm, 3 $\mu$ m |
| Part number:    | 186003726                           |
| Mobile phase A: | H <sub>2</sub> O                    |
| Mobile phase B: | ACN                                 |
| Mobile phase C: | 100 mM HCOONH <sub>4</sub> , pH 3.0 |
| Flow rate:      | 1.0 mL/min                          |

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|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Isocratic mobile phase composition: | 87% A; 3% B; 10% C                            |
| Injection volume:                   | 5 $\mu$ L                                     |
| Sample:                             | Acyclovir (10 $\mu$ g/mL) in H <sub>2</sub> O |
| Column temperature:                 | 30 °C                                         |
| Sample temperature:                 | 20 °C                                         |
| Detection:                          | UV @ 254 nm                                   |
| Sampling rate:                      | 5 point/sec                                   |
| Filter response:                    | 0.2                                           |
| Instrument:                         | Waters Alliance 2695 with 2996 PDA            |

## Results and Discussion



## Featured Products

- [Alliance HPLC System <https://www.waters.com/534293>](https://www.waters.com/534293)

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