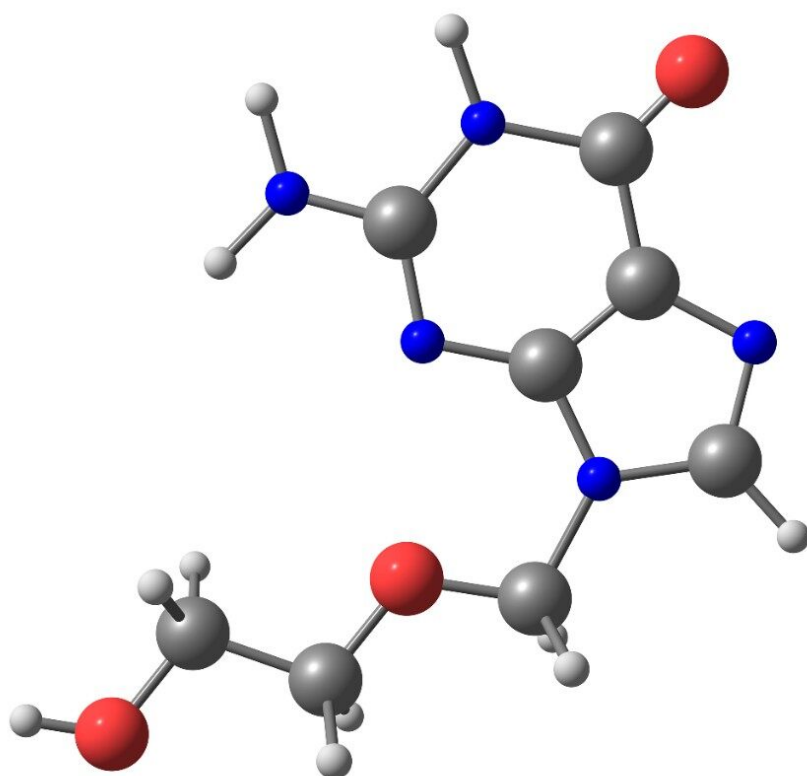


Gradient Analysis of Acyclovir Using Atlantis T3 Columns

Waters Corporation



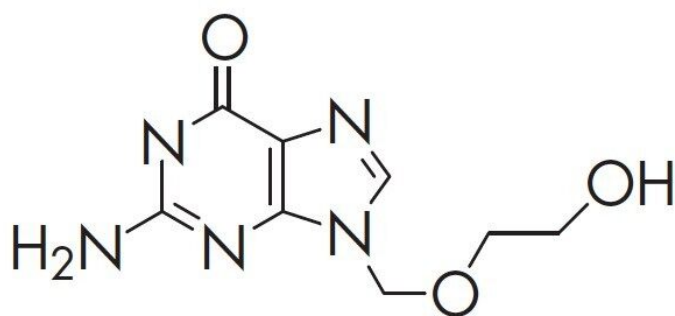
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief demonstrates gradient analysis of acyclovir using Atlantis T3 Columns.

Introduction

The compound used in this study is Acyclovir.



Acyclovir

Experimental

Test Conditions

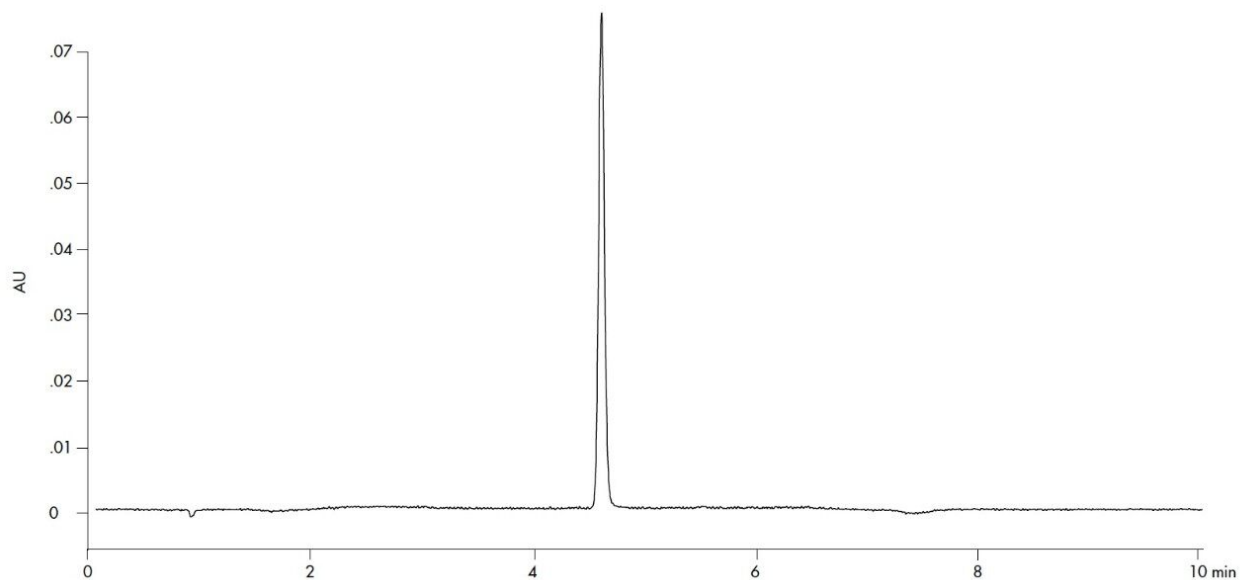
Column:	Atlantis T3, 4.6 x 50 mm, 3 μ m
Part number:	186003726
Mobile phase A:	H ₂ O
Mobile phase B:	ACN

Mobile phase C:	100 mM HCOONH ₄ , pH 3.0
Flow rate:	1.0 mL/min
Injection volume:	5 µL
Sample:	Acyclovir (10 µg/mL) in H ₂ 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

Gradient

Time (min)	Profile		
	%A	%B	%C
0.00	90	0	10
5.00	85	0	10
6.00	90	0	10
10.00	90	0	10

Results and Discussion



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WA60214, January 2009