Waters™

应用纪要

ACQUITY UPLC Analysis of Allantoin

Waters Corporation

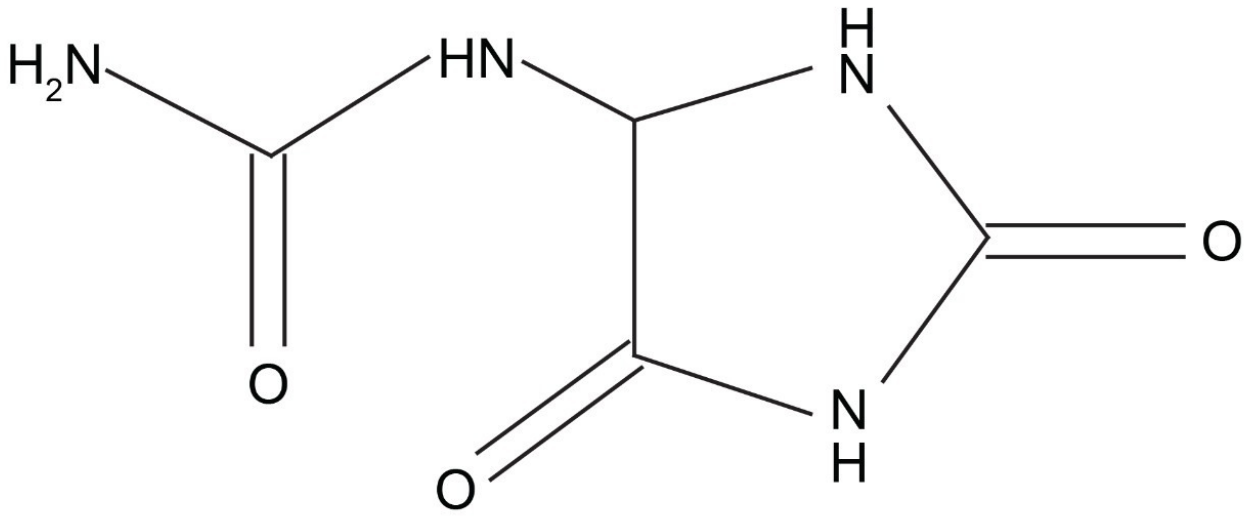
This is an Application Brief and does not contain a detailed Experimental section.

Abstract

This application brief highlights the analysis of allantoin on ACQUITY UPLC BEH Amide Columns.

Introduction

Structures



Allantoin

Experimental

Test Conditions

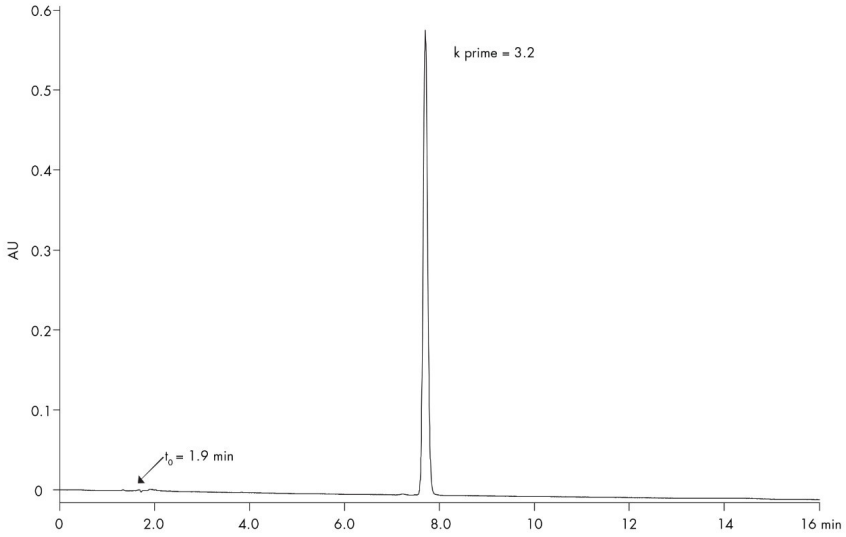
Column:	ACQUITY UPLC BEH Amide, 2.1 x 150 mm, 1.7 µm
Part Number:	186004802
Isocratic Mobile Phase B:	90/10 MeCN/H_2O

Flow Rate:	0.2 mL/min
Injection Volume:	5.0 µL (PLNO)
Sample Concentration:	100 µg/mL
Sample Diluent:	90/10 MeCN/H_2O
Column Temperature:	25 °C
Weak Needle Wash:	95/5 MeCN/H_2O
Detection:	UV @ 210 nm
Sampling Rate:	20 points/sec
Filter Time Constant:	0.2
Instrument:	Waters ACQUITY UPLC with ACQUITY UPLC PDA Detector

Results and Discussion

The compound used in this study is:

1. Allantoin



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ACQUITY UPLC PDA Detector <https://www.waters.com/514225>

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