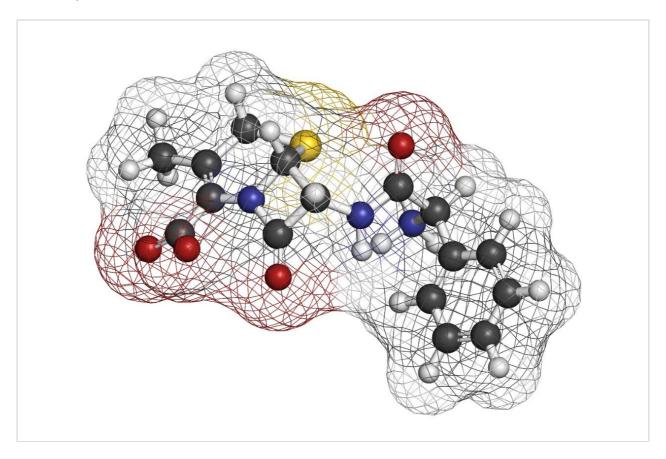
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Note d'application

Analysis of Cephalosporin Antibiotics Using $XBridge\ C_{18}$

Waters Corporation



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

Abstract

This application brief highlights the analysis of cephalosporin antibiotics using XBridge C_{18} Columns.

Introduction

Compounds used in this study.

Experimental

Test Conditions

Column:	XBridae C ₁₈ , 5 um	, 4.6 x 150 mm p/n: 186003116

Isocratic Mobile Phase: 0.5% acetic acid/acetonitrile (85:15)

Flow Rate: 1.0 mL/min

Injection Volume: 10 µL

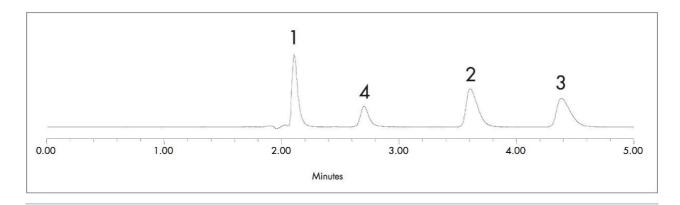
Sample Concentration: 20 µg/mL in water

Temperature: 25 °C

Detection: UV @ 254 nm

Instrument: Alliance 2695 with 2996 PDA

Results and Discussion



1. Cefadroxil 2. Cephradine 3. Cephalexin 4. Cefaclor.

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WA60165, April 2007

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