Analysis of Amiodarone

Application Note

Pharmaceutical

Introduction

The analysis of amiodarone was accomplished by HPLC using an Agilent Pursuit C18 column with UV detection.
**Conditions**

Column: Agilent Pursuit C18, 4.6 × 100 mm, 3 μm (p/n A3001100X046)

Sample concentration:
- Desethylamiodarone 2.6 μg/mL
- Amiodarone 2.5 μg/mL

Mobile phase: Acetonitrile/water, 50/50 (v/v)

Flow rate: 1.0 mL/min

Injection volume: 10 μL

Temperature: Ambient

Detector: UV

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**Peak identification**

1. IS, 2.97 min
2. Desethylamiodarone, 5.40 min
3. Amiodarone, 8.11 min

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**For More Information**

These data represent typical results. For more information on our products and services, visit our Web site at www.agilent.com/chem.