Anti-ulcers

Application Note

BioPharma

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Introduction
HPLC with Agilent Pursuit C18 5 µm material in a ChromSep cartridge analyzes four anti-ulcer drugs in 14 minutes.
**Conditions**

Technique : HPLC  
Column : Agilent Pursuit C18, 4.6 x 150 mm, 5 µm  
Part no. : Conventional A3000150X046  
ChromSep Cartridge System A3000150C046  
Temperature : Ambient  
Eluent : A: MeOH  
B: 10 mM K₂HPO₄, pH 7.0  
A:B = 20:80  
Flow rate : 1.0 mL/min  
Detection : UV @ 214 nm

**Peak identification**

1. famotidine  
2. ranitidine  
3. cimetidine  
4. nizatidine