

Ulcer Medications

Application

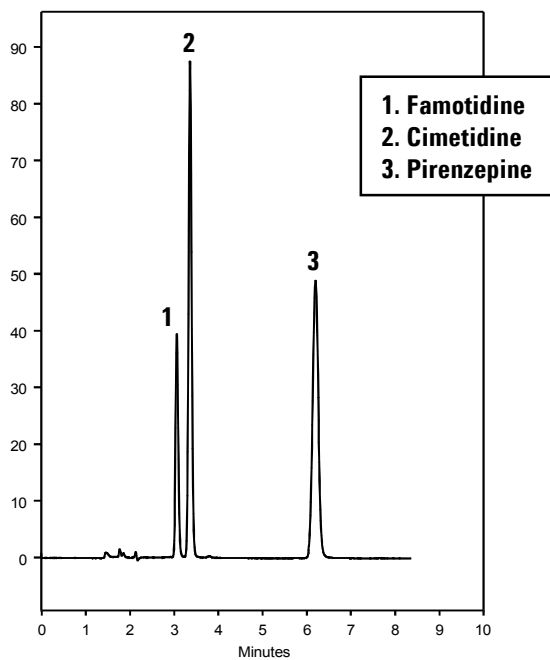
Pharmaceutical

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Ulcer medication drugs (Cimetidine, also known as Tagamet) generally work against ulcers by actually turning off the pathway that produces stomach acids and other gastrointestinal fluids. This application was developed for general interest. If desired this mixture can also be separated at higher pH.

Highlights

- *Agilent ZORBAX StableBond columns offer good peak shape for basic compounds at low pH.*
- *StableBond columns are extremely stable at low pH. This is also true for short chain, more-polar bonded phases like ZORBAX SB-CN.*



Conditions:
Column: ZORBAX SB-CN (4.6 x 150 mm; 3.5µm) (Agilent P/N: 863953-905)
Mobile Phase: 90% 25 mM NaH₂PO₄ Monobasic (pH 3.0 with H₃PO₄) : 10% Acetonitrile
Inj. Vol.: 2µL
Flow: 1 mL/min
Temp.: 35°C
Det.: UV (220 nm)



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