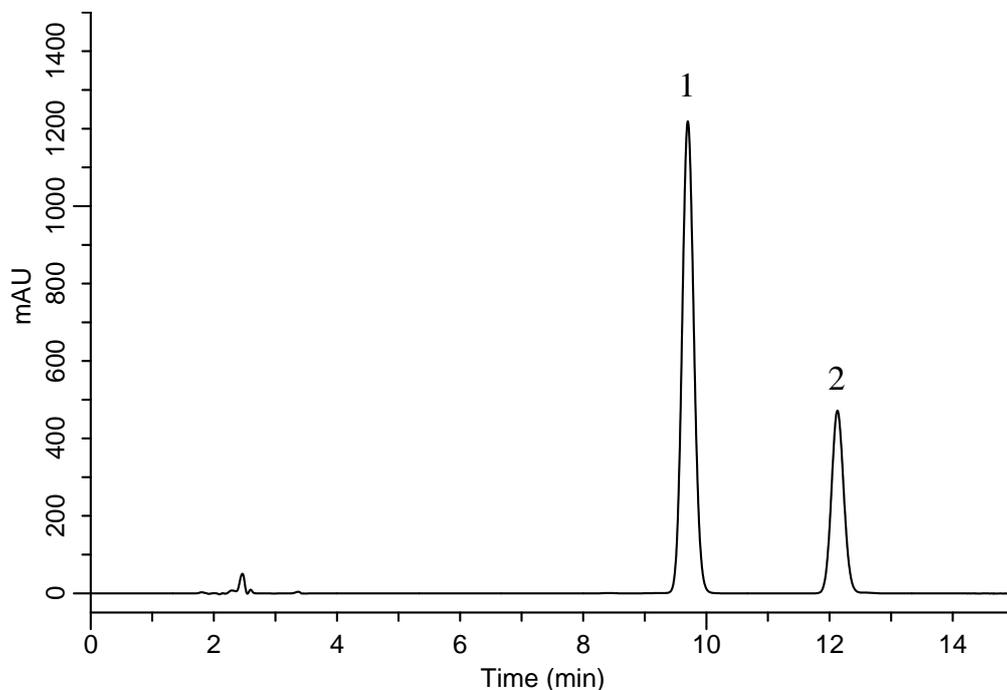


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Pitavastatin Calcium

Data No. LB028-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18 (5  $\mu$  m, 250 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07346  
**Eluent** : A) THF  
          B) CH<sub>3</sub>CN  
          C) Citric acid buffer\*  
          A/B/C = 20/27/53, v/v/v (Premix)  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 254 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 10  $\mu$  L

### Analyte:

1. Pitavastatin calcium	0.4 mg/mL
2. <i>p</i> -Hydroxy benzoic acid butyl	0.13 mg/mL

\* Dissolve 10.5 g of citric acid monohydrate in 900 mL of water.  
Adjust pH 4.0 by 28 % ammonia solution.  
Add water to make 1000 mL.