

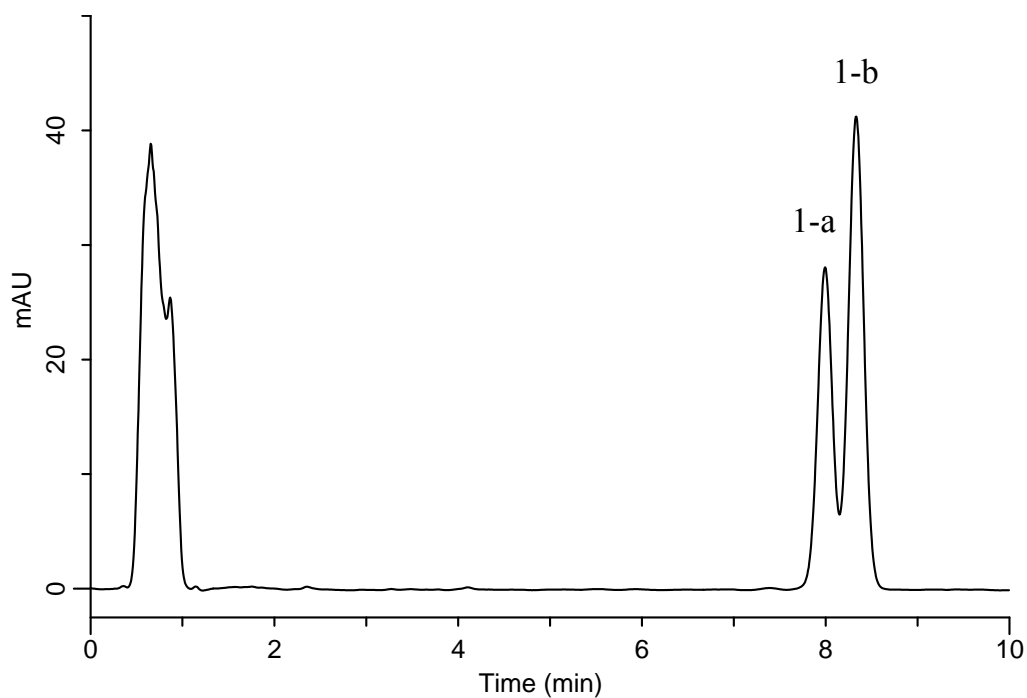
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Teprenone

(Under the Condition of the Japanese Pharmacopoeia, Teprenone Capsules)

Data No. LB128-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil ODS-2  
(5 $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-01124  
**Eluent** : A) CH<sub>3</sub>CN  
B) H<sub>2</sub>O  
A/B = 87/13, v/v  
**Flow Rate** : 2.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm (GL-7452 PDA Detector)  
**Injection Vol.** : 10  $\mu$ L  
**Sample** : Standard

### Analyte:

1. Teprenone 56 mg/L

Resolution (a, b) : 1.08 ( $\geq$  1.0)  
RSD of the peak  
(a+b) area (%) (n=6) : 0.43 ( $\leq$  1.5)