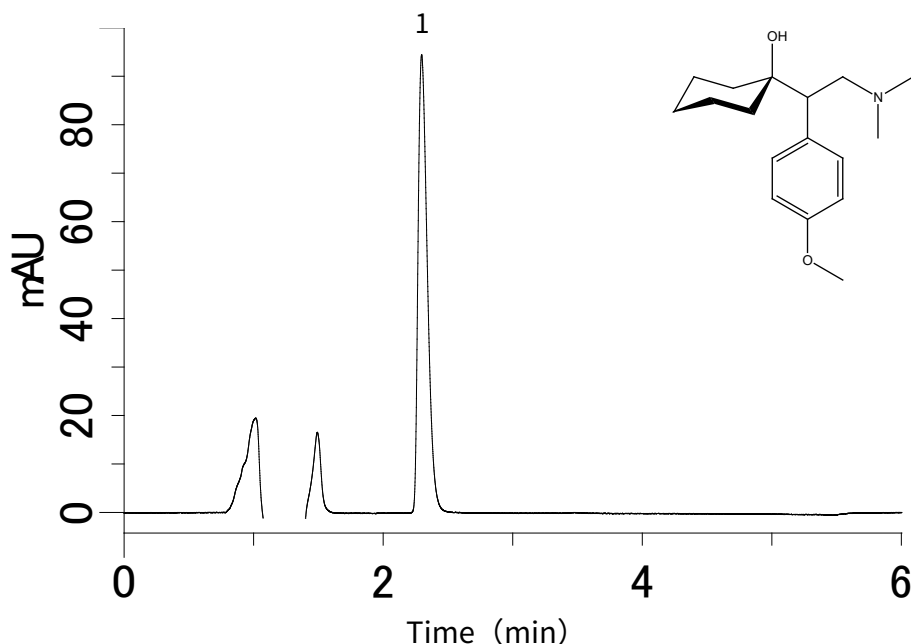


InertSearch™ for LC

Inertsil® Applications

Analysis of Venlafaxine (InertSustain C18)

Data No. LB075-0701



Conditions

Column : InertSustain C18 HP (3 μ m, 100 x 4.6 mm I.D.)
Column Cat. No. : 5020-14444
Eluent : A) CH₃CN
 : B) Buffer*
 : A/B = 30/70, v/v
Flow rate : 1.0 mL/min
Col. Temp. : 25 °C
Detection : UV 275 nm
Injection Vol. : 10 μ L
Sample : Standard (diluted with CH₃OH/0.1N HCl = 4/1, v/v)

Analyte:

1. Venlafaxine HCl (340 mg/L)

* Buffer: 3.4 g of potassium dihydrogen phosphate in 700 mL of water. Add 5 mL of triethylamine, and adjust with phosphoric acid to a pH of 3.0.