

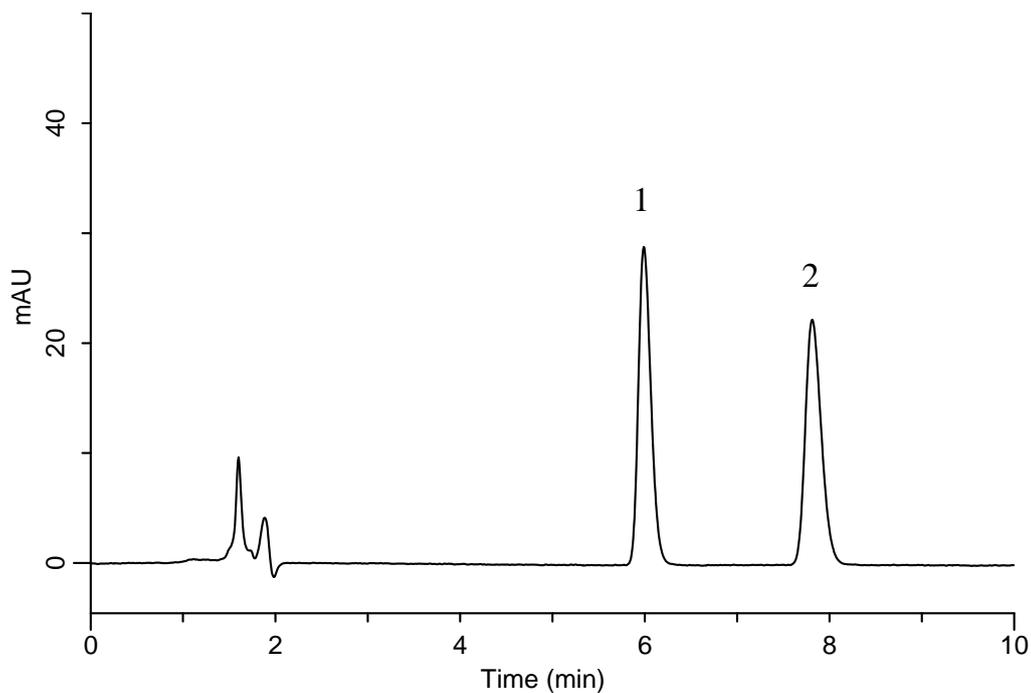
InertSearch™ for LC

Inertsil® Applications

Analysis of Sarpogrelate Hydrochloride

(Under the Condition of Japanese Pharmacopoeia 16)

Data No. LB061-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-2
(5 μ m, 150 \times 4.6 mm I.D.)
Column Cat. No. : 5020-01124
Eluent : A) CH₃CN
B) H₂O
C) TFA
A/B/C = 700/1300/1, v/v/v
Flow Rate : 0.9 mL/min
Col. Temp. : 40 °C
Detection : UV 272 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L

Analyte:

1. Impurity A
2. Sarpogrelate hydrochloride 180 mg/L

Resolution (1, 2) : 6.4 (\geq 3)
RSD of the
peak 2 area (%) (n=6) : 0.53 (\leq 2.0)