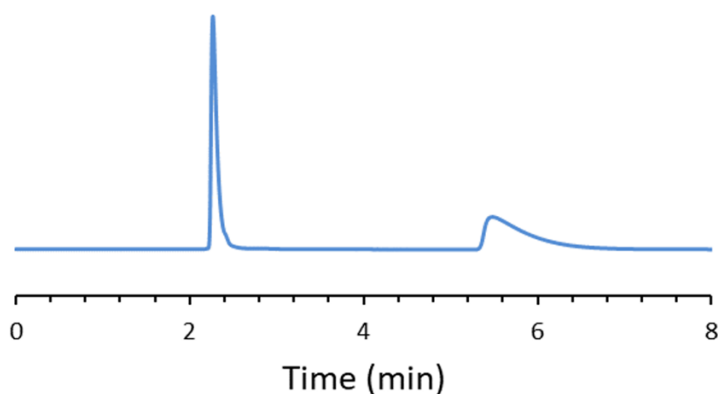


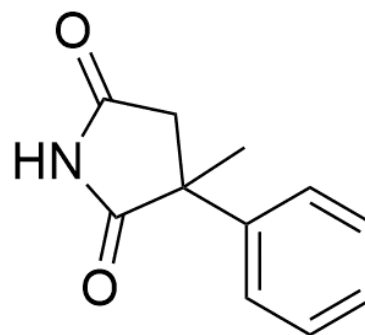
CHIRAL APPLICATION NOTE

Sample name: α -Methyl- α -phenylsuccinimide

Chromatogram:



Structure:



Run Conditions:

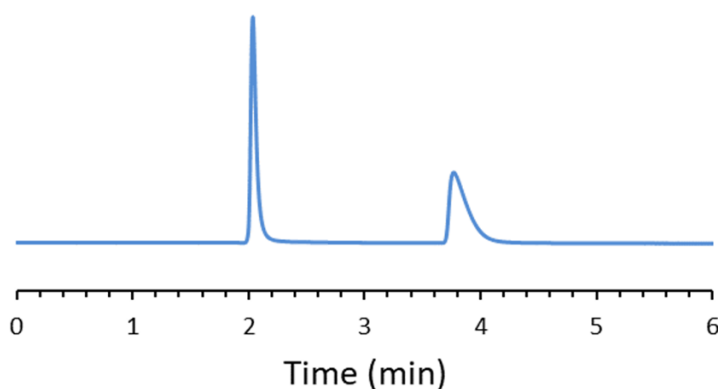
Column: MaltoShell-DMP (10cmx4.6mm, 2.7 μ m)
Mobile phase: 100: Methanol
Flow Rate: 0.6 mL/min
Temperature: Ambient (23 $^{\circ}$ C)
Injection Volume: 1.0 μ L
Detection: UV 230 nm
Retention (min): 2.27/5.48 (Peak 1/Peak 2)

Resolution: 6.85

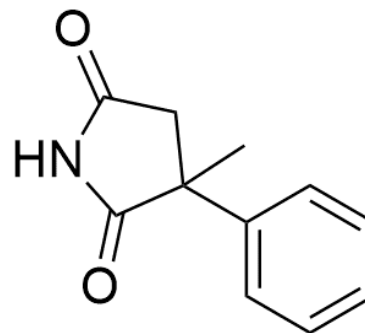
CHIRAL APPLICATION NOTE

Sample name: α -Methyl- α -phenylsuccinimide

Chromatogram:



Structure:



Run Conditions:

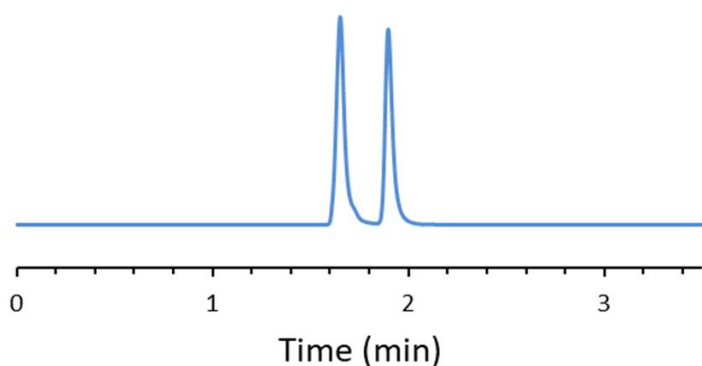
Column: MaltoShell-DMP (10cmx4.6mm, 2.7 μ m)
Mobile phase: 50/50: Methanol/Methyl tert-butyl ether
Flow Rate: 0.6 mL/min
Temperature: Ambient (23 $^{\circ}$ C)
Injection Volume: 1.0 μ L
Detection: UV 260 nm
Retention (min): 2.04/3.77 (Peak 1/Peak 2)

Resolution: 9.64

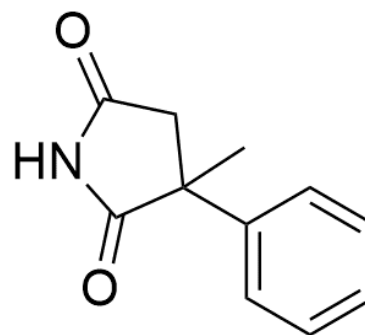
CHIRAL APPLICATION NOTE

Sample name: α -Methyl- α -phenylsuccinimide

Chromatogram:



Structure:



Run Conditions:

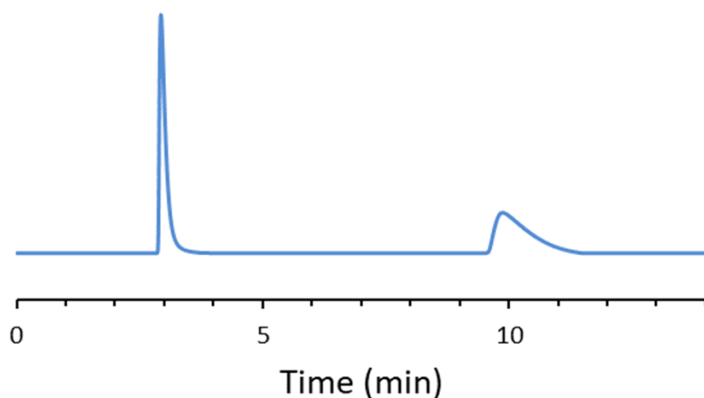
Column: MaltoShell-DMP (10cmx4.6mm, 2.7 μ m)
Mobile phase: 50/50: Methanol/Tetrahydrofuran
Flow Rate: 0.6 mL/min
Temperature: Ambient (23 $^{\circ}$ C)
Injection Volume: 1.0 μ L
Detection: UV 260 nm
Retention (min): 1.65/1.90 (Peak 1/Peak 2)

Resolution: 3.47

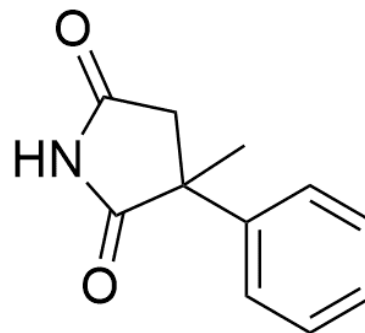
CHIRAL APPLICATION NOTE

Sample name: α -Methyl- α -phenylsuccinimide

Chromatogram:



Structure:



Run Conditions:

Column: MaltoShell-DMP (10cmx4.6mm, 2.7 μ m)
Mobile phase: 100: Ethanol
Flow Rate: 0.6 mL/min
Temperature: Ambient (23 °C)
Injection Volume: 1.0 μ L
Detection: UV 230 nm
Retention (min): 2.93/9.88 (Peak 1/Peak 2)

Resolution: 9.20