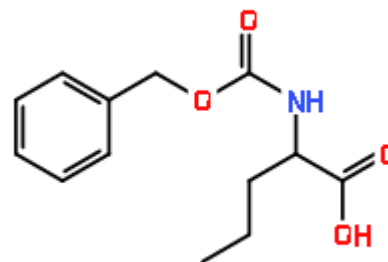


APPLICATION RESULTS

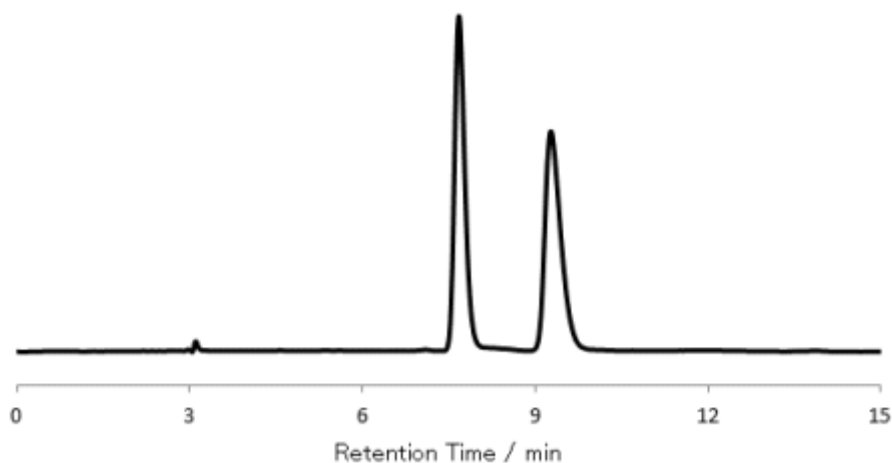
COMPOUND IDENTIFICATION

Compound Name

N-CBZ-DL-Norvaline



CHROMATOGRAM



ANALYTICAL REPORT

| | | | |
|-----------------------------|--|----------------------|---------------------------|
| Column Trade Name | CHIRALPAK® IN | | |
| Column Size (Particle Size) | 4.6 x 250 mm (5 µm) | | |
| Mobile Phase Composition | n-hexane / 2-propanol / trifluoroacetic acid = 80 / 20 / 0.1 | | |
| Chromatographic Mode | Normal Phase | | |
| Flow rate (mL/min) | 1.0 | Temperature (°C) | 25 |
| Injection Volume (µL) | 5 | Sample Concentration | 1.0 mg/mL in Mobile phase |
| Detection | UV-VIS 254 nm | | |
| Elution Order | | | |

| No. | Rt | K' | Alpha Value | Resolution |
|-----|-----|------|-------------|------------|
| 1 | 7.7 | 1.55 | 1 - 2 | 3.75 |
| 2 | 9.3 | 2.09 | | |