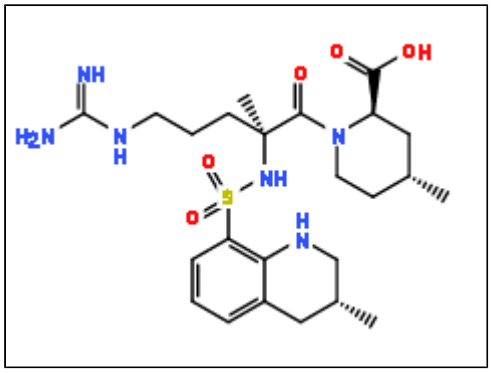
# APPLICATION RESULTS

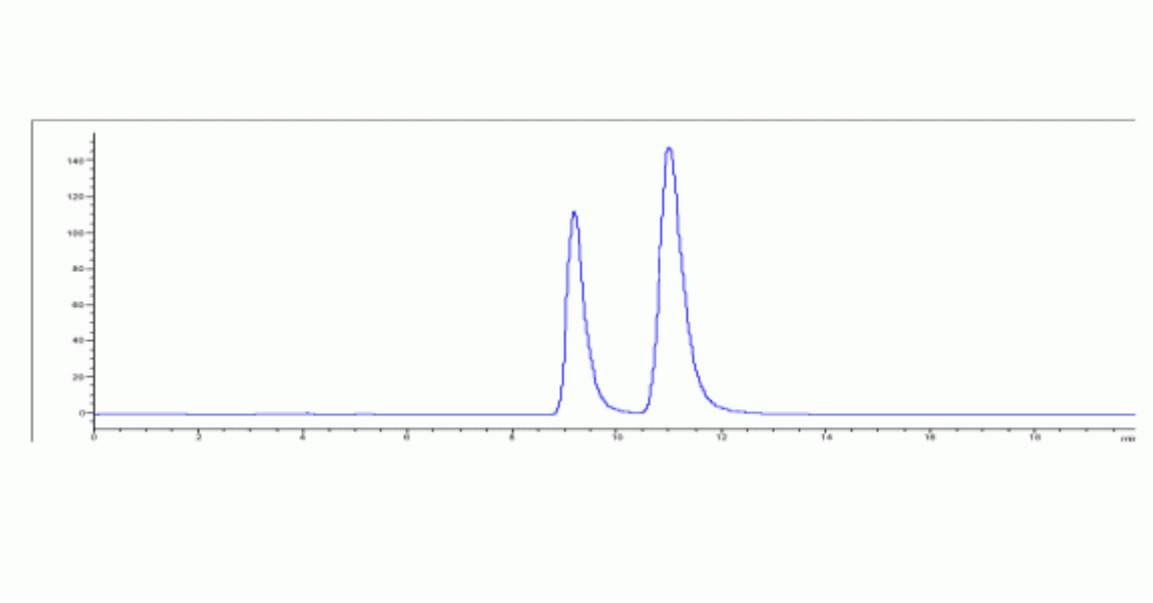
DAICEL CORPORATION
CPI Company

## COMPOUND IDENTIFICATION

| Compound Name |
|---|
| Argatroban (enriched and separated from its (21S)-diastereomer) |



## CHROMATOGRAM



## ANALYTICAL REPORT

| | |
|---|---|
| Column Trade Name<br>Column Size (Particle Size) | CHIRALPAK® IA-3<br>4.6 x 150 mm (3 μm) |
| Mobile Phase Composition | n-hexane / 2-propanol / trifluoroacetic acid / diethylamine = 95 / 5 / 0.4 / 0.3 |
| Chromatographic Mode | Normal Phase |

| | | | |
|---|---|---|---|
| Flow rate (mL/min) | 0.7 | Temperature (℃) | 25 |
| Injection Volume (μL) | | Sample Concentration | |
| Detection | UV-VIS 330 nm | | |
| Elution Order | | | |

| No. | Rt | K' |
|---|---|---|
| 1 | 9.1 | 2.55 |
| 2 | 11.1 | 3.33 |

| | Alpha Value | Resolution |
|---|---|---|
| 1 - 2 | 1.31 | 2.63 |