

# HPLC Application

ID No.: 24324

## Chiral Separation of Mianserin on Lux 5 $\mu$ m i-Amylose-1 in NP (B#11, Batch Reprod)

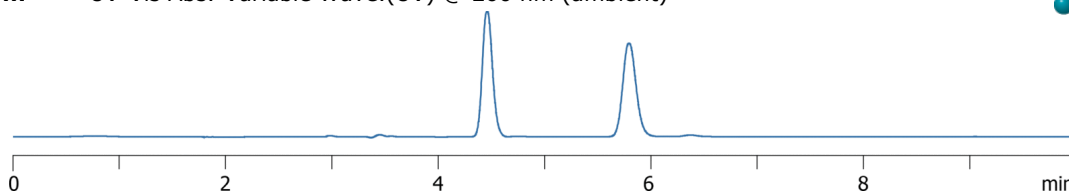
**Column:** Lux<sup>®</sup> 5  $\mu$ m i-Amylose-1, LC Column 250 x 4.6 mm, Ea  
**Dimensions:** 250 x 4.6 mm ID  
**Order No:** 00G-4762-E0  
**Elution Type:** Isocratic  
**Eluent A:** 0.1% DEA in Hexane  
**Eluent B:** 0.1% DEA in IPA  
**Gradient Profile:**

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 1        | 0          | 90    | 10    |

**Flow Rate:** 1 mL/min  
**Col. Temp.:** ambient  
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 260 nm (ambient)



Products used in this application:



### ANALYTES:

- 1** Mianserin  
Retention Time: 4.459 min
- 2** Mianserin  
Retention Time: 5.794 min

