

## Chiral separation of trans-Stilbene oxide

**Method** VCR0046J  
**HPLC** Chiral HPLC

**Column:** Eurocel 01, 250 x 4.6 mm ID  
with precolumn

**Order No.** 25VM370ECJ

**Phase:** Eurocel 01, 5  $\mu\text{m}$

**Conditions:** Eluent: Methanol  
Gradient: isocratic  
Flow rate: 1.0 ml/min  
Temperature: 25  $^{\circ}\text{C}$   
Volume: 10  $\mu\text{l}$

**Detection:** UV at 223 nm

**Substances:** trans-Stilbene oxide : trans-1,2-Diphenyle oxirane

**Keywords:** chiral separation, Eurocel 01, cellulose based chiral selector

### Chromatogram:

$k'1 = 0.74$

$k'2 = 1.01$

$\alpha = 1.37$

