



Column: [Luna® 3 µm C18 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4114-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 10 mM K₂HPO₄, pH 7

Elution B: Acetonitrile

Elution C: Methanol

Gradient Profile:

| Step No. | Time (min) | Pct A | Pct B | Pct C |
|----------|------------|-------|-------|-------|
| 1 | 0 | 16 | 70 | 14 |

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 216 nm (22°C)

Compounds:

- 1- Protriptyline
- 2- Desipramine
- 3- Nortriptyline
- 4- Doxepin
- 5- Imipramine
- 6- Amitriptyline
- 7- Clomipramine
- 8- Trimipramine