



**Column:** [Kinetex™ 1.7 µm C18 100 Å LC Column 50 x 2.1 mm](#)

**Part No:** [00B-4475-AN](#)

**Dimensions:** 50 x 2.1 mm ID

**Elution Type:** Gradient

**Elution A:** Water with 0.05% formic acid

**Elution B:** Acetonitrile with 0.05% formic acid

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B
1	0	70	30
2	2	60	40
3	3	5	95
4	3.1	70	30
5	4.5	70	30

**Flow Rate:** 0.6 mL/min

**Col. Temp:** 40 °C

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

**Compounds:**

- 1- Doxepin
- 2- desipramine
- 3- imipramine
- 4- nortriptyline
- 5- amitriptyline
- 6- trimipramine