



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

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

Dimensions: 100 x 2.1 mm ID

Elution Type: Gradient

Elution A: 95 % 5 mM Ammonium Formate pH 3.25: 5 % Acetonitrile

Elution B: 10 % 5 mM Ammonium Formate pH 3.25: 90 % Acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	70	30
2	1.5	50	50
3	3	43.7	56.3
4	5	5	95
5	6	5	95
6	6.1	70	30

Flow Rate: 0.4 mL/min

Col. Temp: 50 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 280 nm (50°C)

Compounds:

- 1- Antidepressant drug (containing a HCL salt)
- 2- Hormone therapy #1 (containing a salt)
- 3- SERM drug (containing a basic functional group)
- 4- CNS drug (containing basic functional group)
- 5- PPI drug (containing basic functional group)
- 6- CNS drug (containing basic functional group)
- 7- CNS drug (containing basic functional group)
- 8- Hormone therapy #2 (neutral)
- 9- Oral contraceptive hormone #1 (neutral)
- 10- Hormone therapy #3 (neutral)
- 11- Oral contraceptive hormone #2 (neutral)
- 12- Hormone therapy #4 (neutral)
- 13- Oral contraceptive hormone (neutral)
- 14- Hormone therapy #5 (neutral)
- 15- Hormone therapy #6 (acetate salt of 14)
- 16- Immunosuppressant drug (macromolecule, containing basic functional group)

