



Column: [Kinetex™ 2.6 μm XB-C18 100 Å LC Column 75 x 4.6 mm](#)

Part No: [00C-4496-E0](#)

Dimensions: 75 x 4.6 mm ID

Elution Type: Gradient

Elution A: 0.96g 1-pentaesulfonic acid sodium salt in 1-L buffered to 3.00 with Phosphoric Acid

Elution B: Acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	75	25
2	20	50	50
3	30	40	60
4	35	30	70
5	45	30	70
6	50	75	25

Flow Rate: 1.2 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (22°C)

Compounds:

- 1- Loratadine Related Compound A
- 2- Loratadine Related Compound B
- 3- Loratadine