



**Column:** [Zorbax 5u SB-C18 80 Å Column 250 x 4.6 mm](#)

**Part No:** [880975-902](#)

**Dimensions:** 250 x 4.6 mm ID

**Elution Type:** Gradient

**Elution A:** 0.1% formic acid in water

**Elution B:** 0.1% formic acid in acetonitrile

**Gradient Profile:**

Step No.	Time (min)	Pct A	Pct B
1	0	95	5
2	11.67	80	20
3	15	5	95
4	15.01	95	5
5	23.33	95	5

**Flow Rate:** 1.4 mL/min

**Col. Temp:** 30 °C

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 230 nm (22°C)

**Compounds:**

- 1- Ranitidine (degraded)
- 2- Impurities