



Column: [Kinetex™ 2.6 μm C18 100 Å LC Column 50 x 4.6 mm](#)

Part No: [00B-4462-E0](#)

Dimensions: 50 x 4.6 mm ID

Elution Type: Gradient

Elution A: 20:50:930 101.8g/L Triethylamine solution/ACN/H₂O

Elution B: 20:65:915 mobile phase A/H₂O/ACN

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	45	55
2	15	45	55
3	30	5	95
4	40	5	95
5	41	45	55
6	55	45	55

Flow Rate: 1.2 mL/min

Col. Temp: 35 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (22°C)

Compounds:

- 1- Glibenclamide impurity A
- 2- Glibenclamide impurity B
- 3- Glibenclamide
- 4- Gliclazide