Benzodiazepines

Application Note

BioPharma

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Introduction
Agilent Pursuit PFP HPLC columns separate benzodiazepines in six minutes.
Conditions

Column: Agilent Pursuit PFP, 4.6 mm x 150 mm 5 μm
Part No. A3050150X046

Mobile Phase: Acetonitrile: Water- 40:60
Flow Rate: 1.0 mL/min
Temperature: Ambient
Detection: 254 nm
Injection Vol.: 5 μL
Sample Concentration: 1 mg/mL all components
Solvent Sample: Water

Peak identification

1. oxazepam
2. alprazepam
3. clonazepam
4. diazepam