



High Performance Liquid Chromatography

1. Analysis Information

Product Name: AZD6244 (Selumetinib)
Operator: David
Injection Date: 4/8/2014 4:04:10 PM
Batch No.: 2

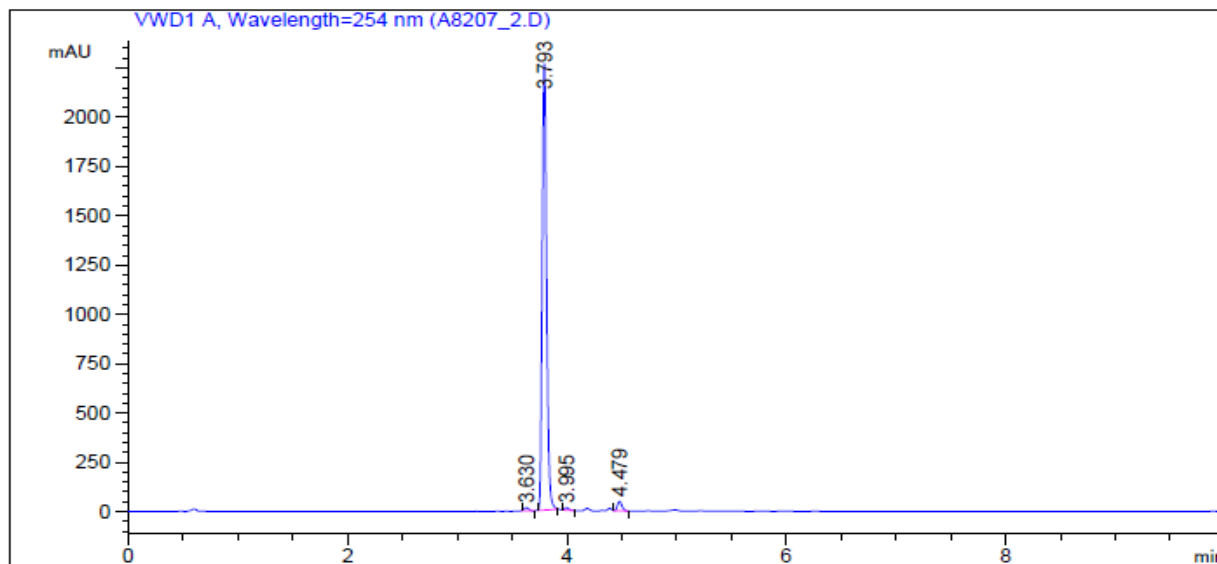
2. HPLC Condition

Column: Athena C18, 3 μ m, 2.1mm \times 100 mm
Solvent A: 0.1% H₃PO₄ in 100% Acetonitrile
Solvent B: 0.1% H₃PO₄ in 100% Water

| Gradient: | Time | A | B |
|-----------|---------|------|------|
| | 0.0min | 10% | 90% |
| | 3.5min | 95% | 5% |
| | 8.0min | 95% | 5% |
| | 9.0min | 10% | 90% |
| | 10.0min | 10% | 90% |
| | 10.0min | Stop | Stop |

Flow rate: 0.4ml/min
Wavelength: 254nm
Volume: 10 μ l

3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area % |
|------|--------------|-------------|---------|
| 1 | 3.630 | 44.07661 | 0.6748 |
| 2 | 3.793 | 6311.75293 | 96.6380 |
| 3 | 3.995 | 34.89466 | 0.5343 |
| 4 | 4.479 | 140.61491 | 2.1529 |