



High Performance Liquid Chromatography

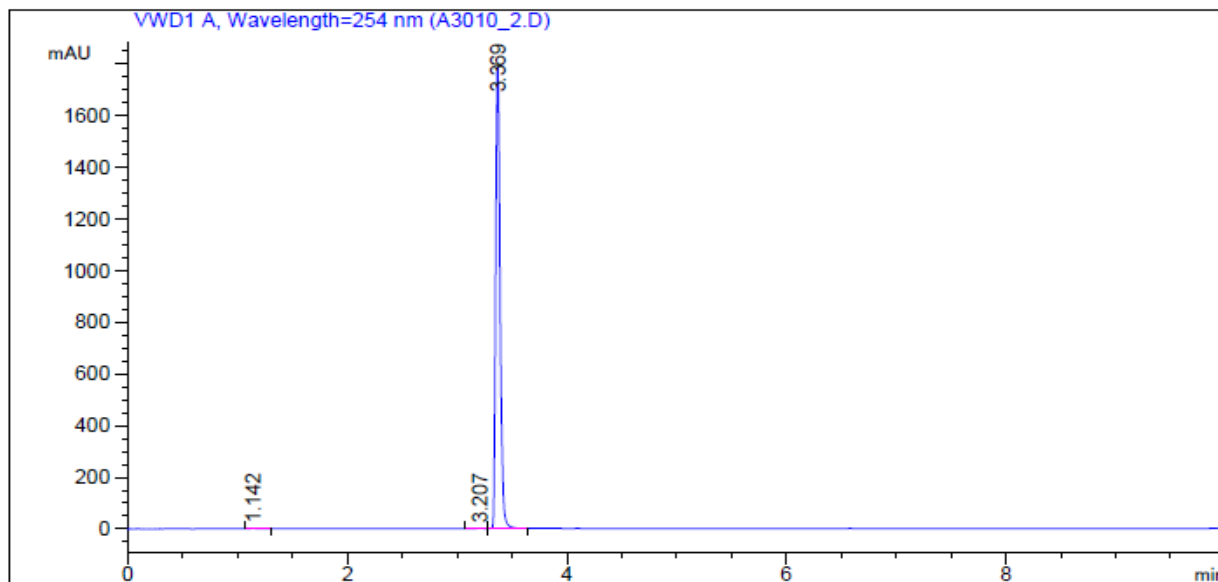
1. Analysis Information

| | |
|-----------------|-------------------------|
| Product Name: | MK-2206 dihydrochloride |
| Operator: | David |
| Injection Date: | 10/13/2014 4:10:01 PM |
| Batch No.: | 2 |

2. HPLC Condition

| Column: | Athena C18, 3 μ m, 2.1mm \times 100 mm | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------|------|---|---|--------|-----|-----|--------|-----|----|--------|-----|----|--------|-----|-----|---------|-----|-----|---------|------|------|
| Solvent A: | 0.1% H ₃ PO ₄ in 100% Acetonitrile | | | | | | | | | | | | | | | | | | | | | | |
| Solvent B: | 0.1% H ₃ PO ₄ in 100% Water | | | | | | | | | | | | | | | | | | | | | | |
| Gradient: | <table border="1"><thead><tr><th>Time</th><th>A</th><th>B</th></tr></thead><tbody><tr><td>0.0min</td><td>10%</td><td>90%</td></tr><tr><td>3.5min</td><td>95%</td><td>5%</td></tr><tr><td>8.0min</td><td>95%</td><td>5%</td></tr><tr><td>9.0min</td><td>10%</td><td>90%</td></tr><tr><td>10.0min</td><td>10%</td><td>90%</td></tr><tr><td>10.0min</td><td>Stop</td><td>Stop</td></tr></tbody></table> | | 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 |
| 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 | 1.142 | 8.76296 | 0.1703 |
| 2 | 3.207 | 19.93653 | 0.3874 |
| 3 | 3.369 | 5117.01514 | 99.4423 |