



APEX BIO
Achieve Perfection, Explore the Unknown

High Performance Liquid Chromatography

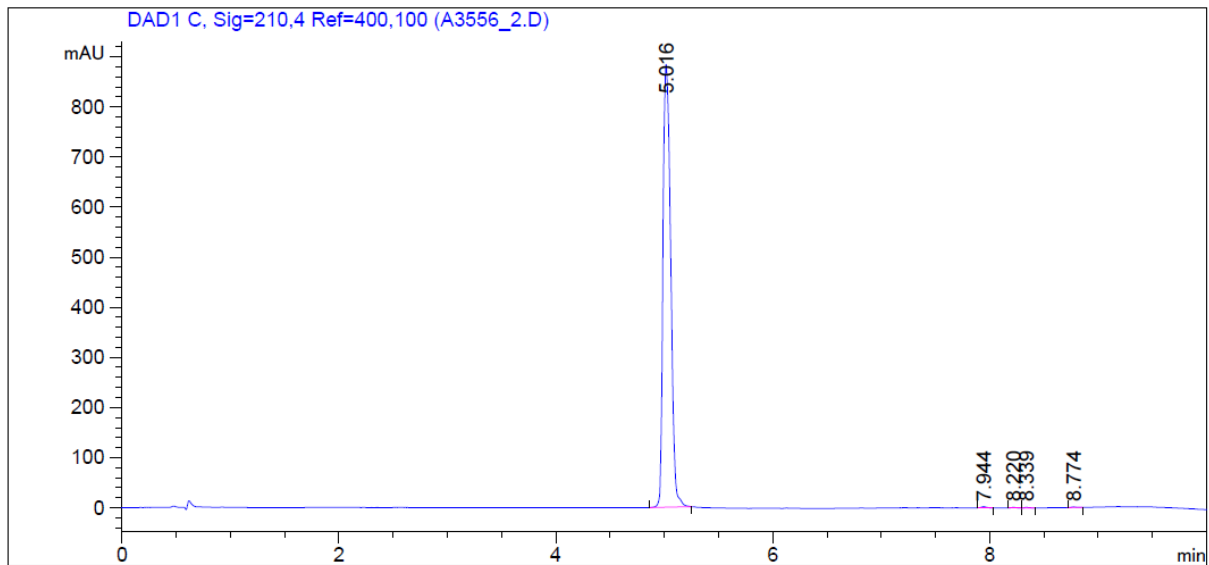
1. Analysis Information

| | |
|-----------------|----------------------------|
| Product Name: | LKB1 (AAK1 dual inhibitor) |
| Operator: | David |
| Injection Date: | 2/26/2018 1:42:43 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: | <table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.0min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>2.0min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>7.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>10.0 min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>10.0min</td> <td>Stop</td> <td>Stop</td> </tr> </tbody> </table> | | Time | A | B | 0.0min | 0% | 100% | 2.0min | 0% | 100% | 7.0min | 95% | 5% | 10.0 min | 95% | 5% | 10.0min | Stop | Stop |
| Time | A | B | | | | | | | | | | | | | | | | | | |
| 0.0min | 0% | 100% | | | | | | | | | | | | | | | | | | |
| 2.0min | 0% | 100% | | | | | | | | | | | | | | | | | | |
| 7.0min | 95% | 5% | | | | | | | | | | | | | | | | | | |
| 10.0 min | 95% | 5% | | | | | | | | | | | | | | | | | | |
| 10.0min | Stop | Stop | | | | | | | | | | | | | | | | | | |
| Flow rate: | 0.45ml/min | | | | | | | | | | | | | | | | | | | |
| Wavelength: | 210nm | | | | | | | | | | | | | | | | | | | |
| Volume: | 10 μ l | | | | | | | | | | | | | | | | | | | |

3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area % |
|------|--------------|-------------|---------|
| 1 | 5.016 | 4348.39893 | 99.6063 |
| 2 | 7.944 | 7.80951 | 0.1789 |
| 3 | 8.220 | 3.34141 | 0.0765 |
| 4 | 8.339 | 2.87938 | 0.0660 |
| 5 | 8.774 | 3.15732 | 0.0723 |