

High Performance Liquid Chromatography

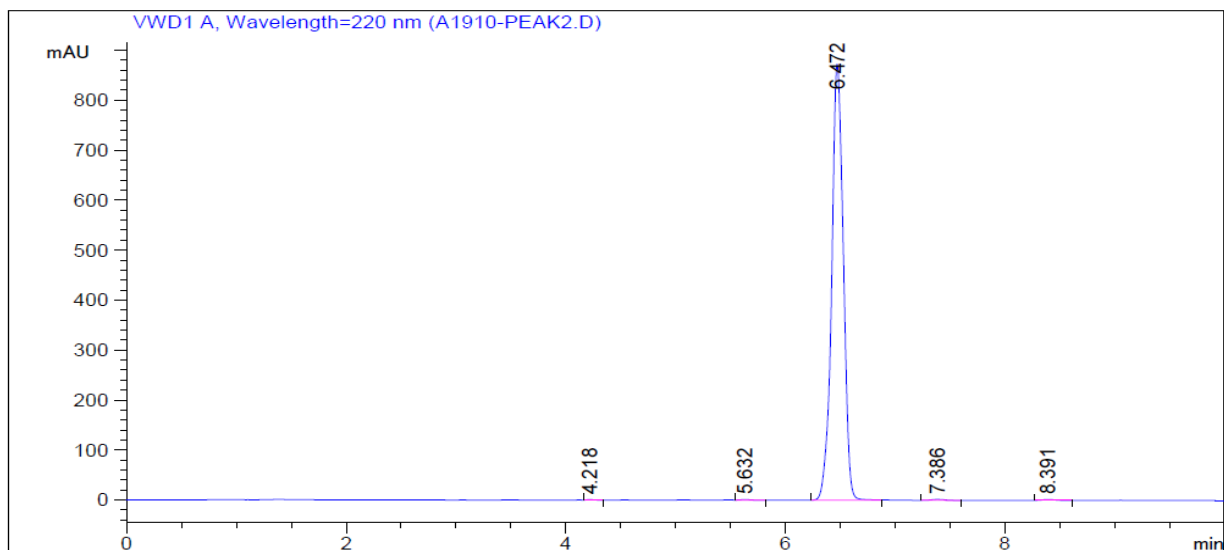
1. Analysis Information

Product Name:	Bromodomain Inhibitor, (+)-JQ1
Operator:	David
Injection Date:	9/4/2013 4:38:13 PM
Batch No.:	2

2. HPLC Condition

Column:	Waters XBridge C18, 3 μ m, 3 m m \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>70%</td> <td>30%</td> </tr> <tr> <td>3.0min</td> <td>70%</td> <td>30%</td> </tr> <tr> <td>7.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>10.0min</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	70%	30%	3.0min	70%	30%	7.0min	95%	5%	10.0min	95%	5%	10.0min	Stop	Stop
Time	A	B																		
0.0min	70%	30%																		
3.0min	70%	30%																		
7.0min	95%	5%																		
10.0min	95%	5%																		
10.0min	Stop	Stop																		
Flow rate:	0.5ml/min																			
Wavelength:	220nm																			
Volume:	10 μ l																			

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	4.218	6.03110	0.0927
2	5.632	7.34827	0.1129
3	6.472	6466.02148	99.3465
4	7.386	15.17566	0.2332
5	8.391	13.97889	0.2148