

High Performance Liquid Chromatography

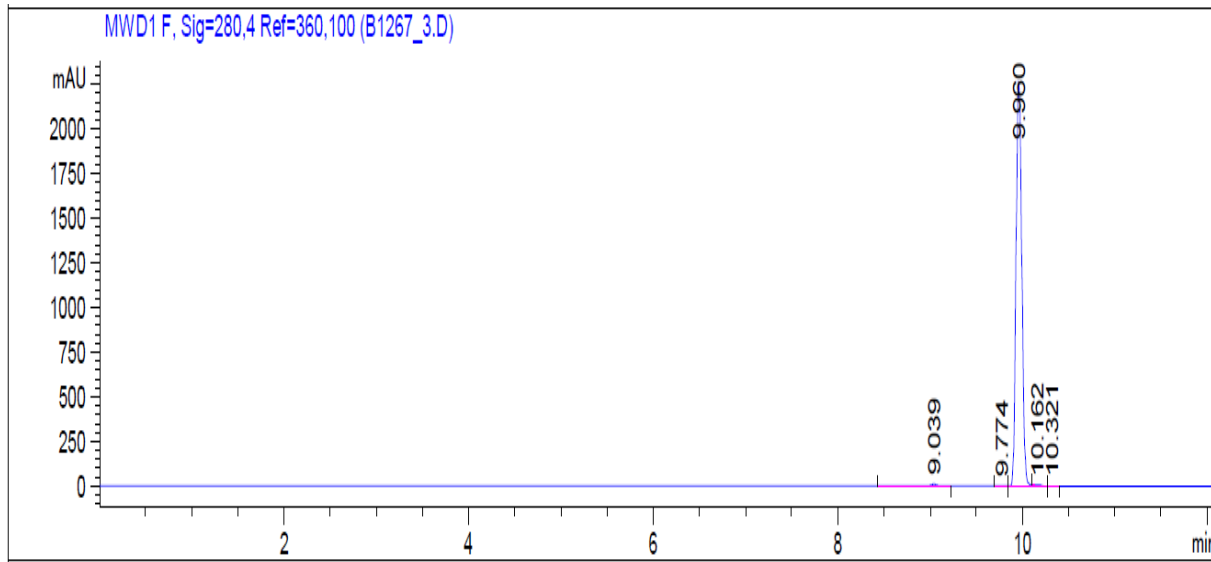
1. Analysis Information

Product Name:	Refametinib
Operator:	David
Injection Date:	8/22/2018 10:32:07 AM
Batch No.:	3

2. HPLC Condition

Column:	Boston uni-C18 5 μ m 4.6mmx250mm																									
Solvent A:	H2O+1% TFA																									
Solvent B:	ACN+1% TFA																									
Gradient:	<table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.0min</td> <td>80%</td> <td>20%</td> </tr> <tr> <td>2.0min</td> <td>80%</td> <td>20%</td> </tr> <tr> <td>7.0min</td> <td>5%</td> <td>95%</td> </tr> <tr> <td>10.0 min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>12.0 min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>12.10min</td> <td>80%</td> <td>20%</td> </tr> <tr> <td>20.0min</td> <td>Stop</td> <td>Stop</td> </tr> </tbody> </table>		Time	A	B	0.0min	80%	20%	2.0min	80%	20%	7.0min	5%	95%	10.0 min	0%	100%	12.0 min	0%	100%	12.10min	80%	20%	20.0min	Stop	Stop
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10.0 min	0%	100%																								
12.0 min	0%	100%																								
12.10min	80%	20%																								
20.0min	Stop	Stop																								
Flow rate:	1ml/min																									
Wavelength:	280nm																									
Volume:	5 μ l																									

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	9.039	41.04874	0.4204
2	9.774	5.67513	0.0581
3	9.960	9702.16895	99.3628
4	10.162	12.52623	0.1283
5	10.321	2.96947	0.0304