

<b>Name:</b>	Axitinib- <sup>13</sup> CD <sub>3</sub>
<b>Lot#:</b>	GR-12-023
<b>Test Date:</b>	03/08/2023 (re-test date: 03/08/2028)
<b>CAS No.:</b>	1261432-00-1
<b>MF:</b>	C <sub>21</sub> <sup>13</sup> CH <sub>15</sub> D <sub>3</sub> N <sub>4</sub> OS
<b>MW:</b>	390.48
<b>Appearance:</b>	Off-White Solid
<b>Purity:</b>	97.8% by HPLC (average of two sample preparations); 99% atom <sup>13</sup> C; 98% atom D
<b><sup>1</sup>H-NMR:</b>	Conforms (shows a trace of EtOAc)
<b>MS-ESI (+)</b>	Conforms (shows peak at m/z = 390.98 [M+H] <sup>+</sup> )
<b>Storage</b>	Store at -18°C in a dry place away from direct sunlight

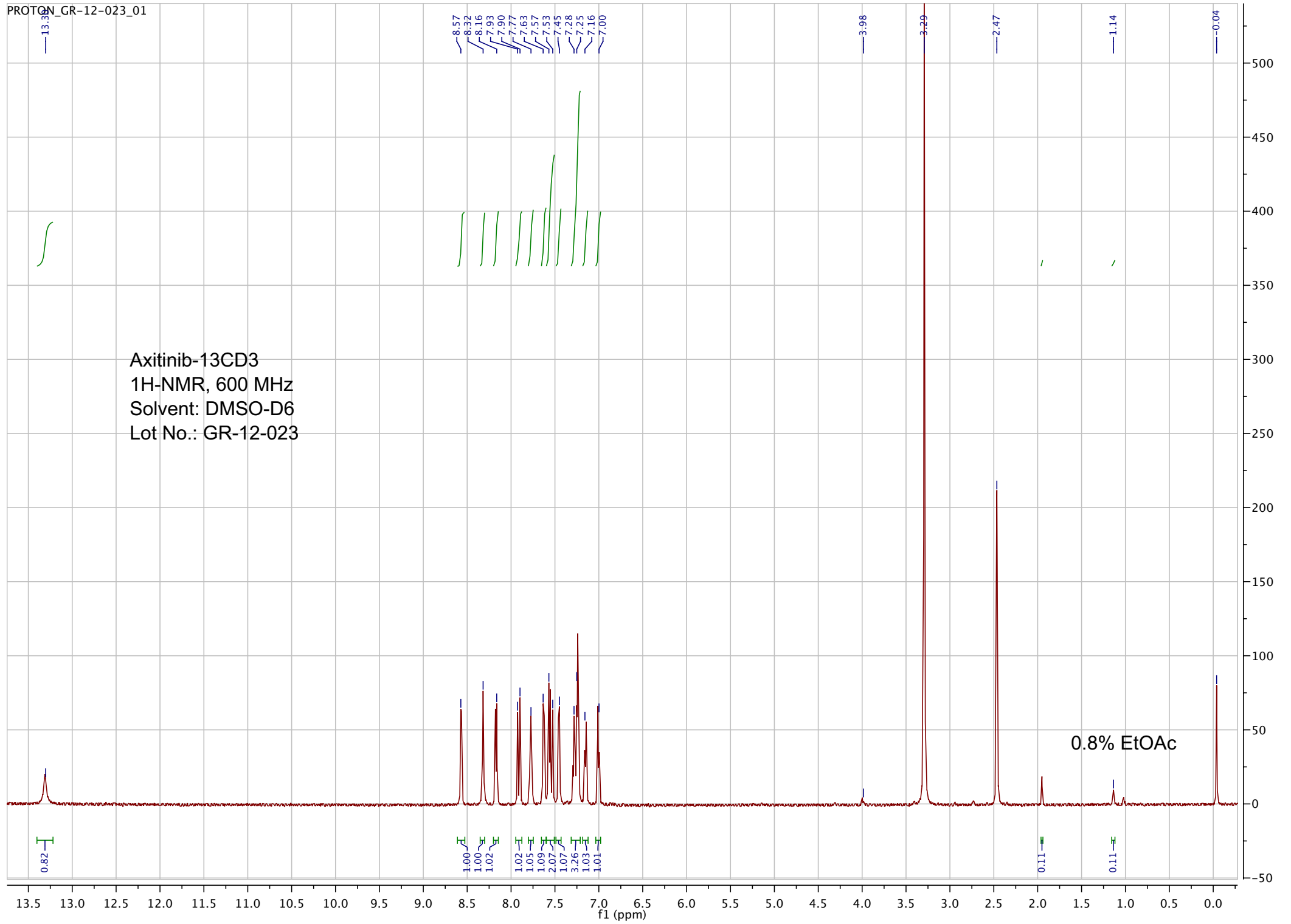
Approved by:

Date: 03/08/2023



Viorica Rusu, QC/QA Manager

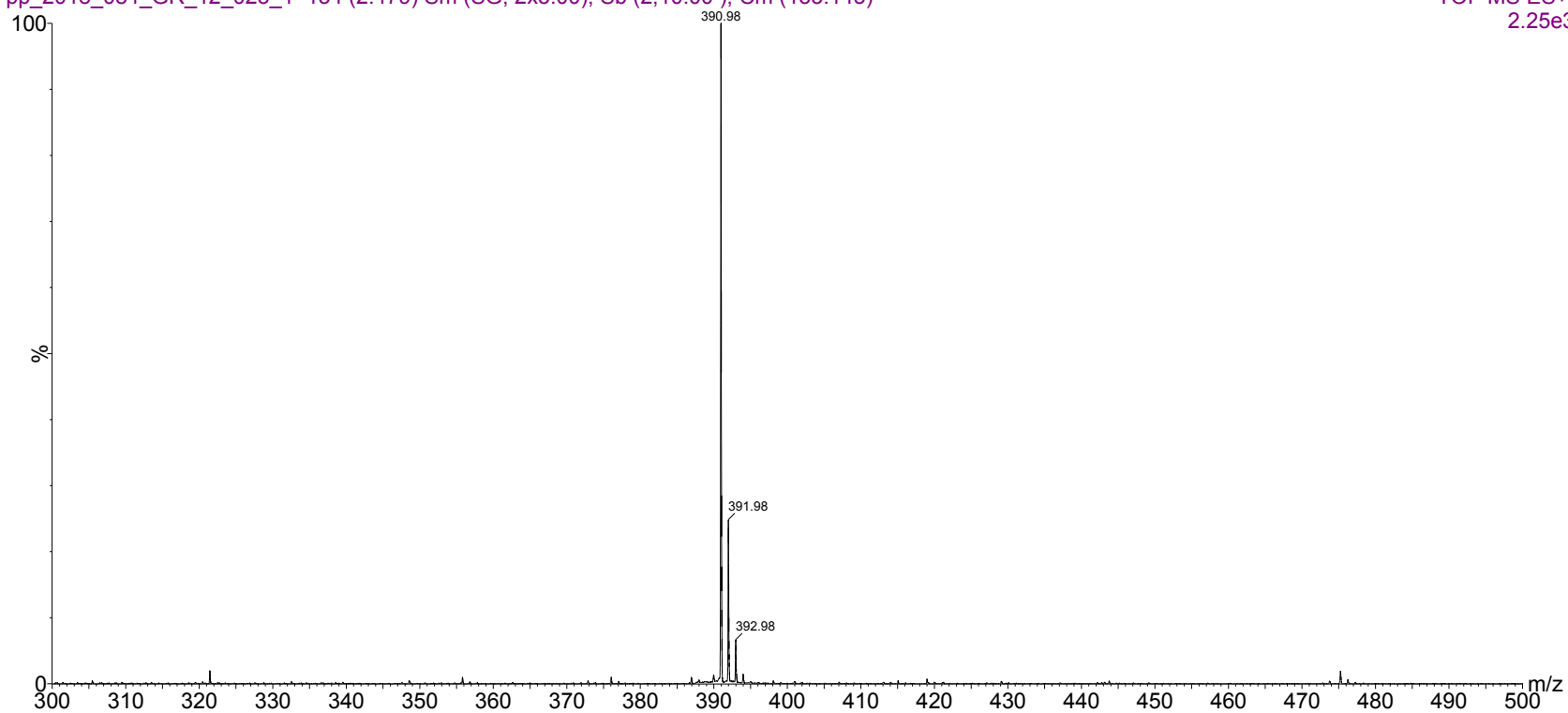
Axitinib-13CD3  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-12-023



24-Jul-2018, 16:22:11

TOF MS ES+  
2.25e3

pp\_2018\_084\_GR\_12\_023\_1 134 (2.479) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (133:143)

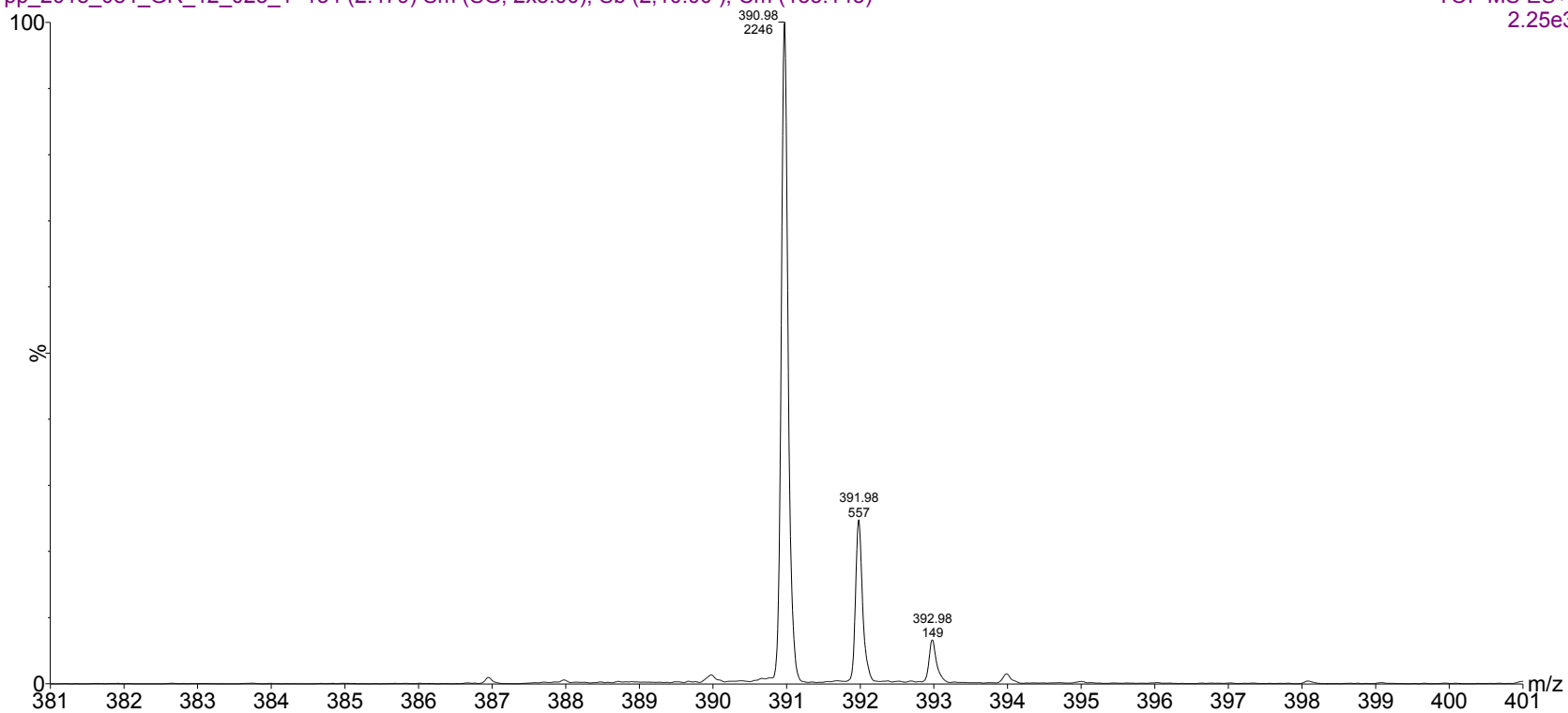


ESI-MS spectrum for sample GR-12-023. Shows monoisotopic  $[M+H]^+$  mass.

24-Jul-2018, 16:22:11

TOF MS ES+  
2.25e3

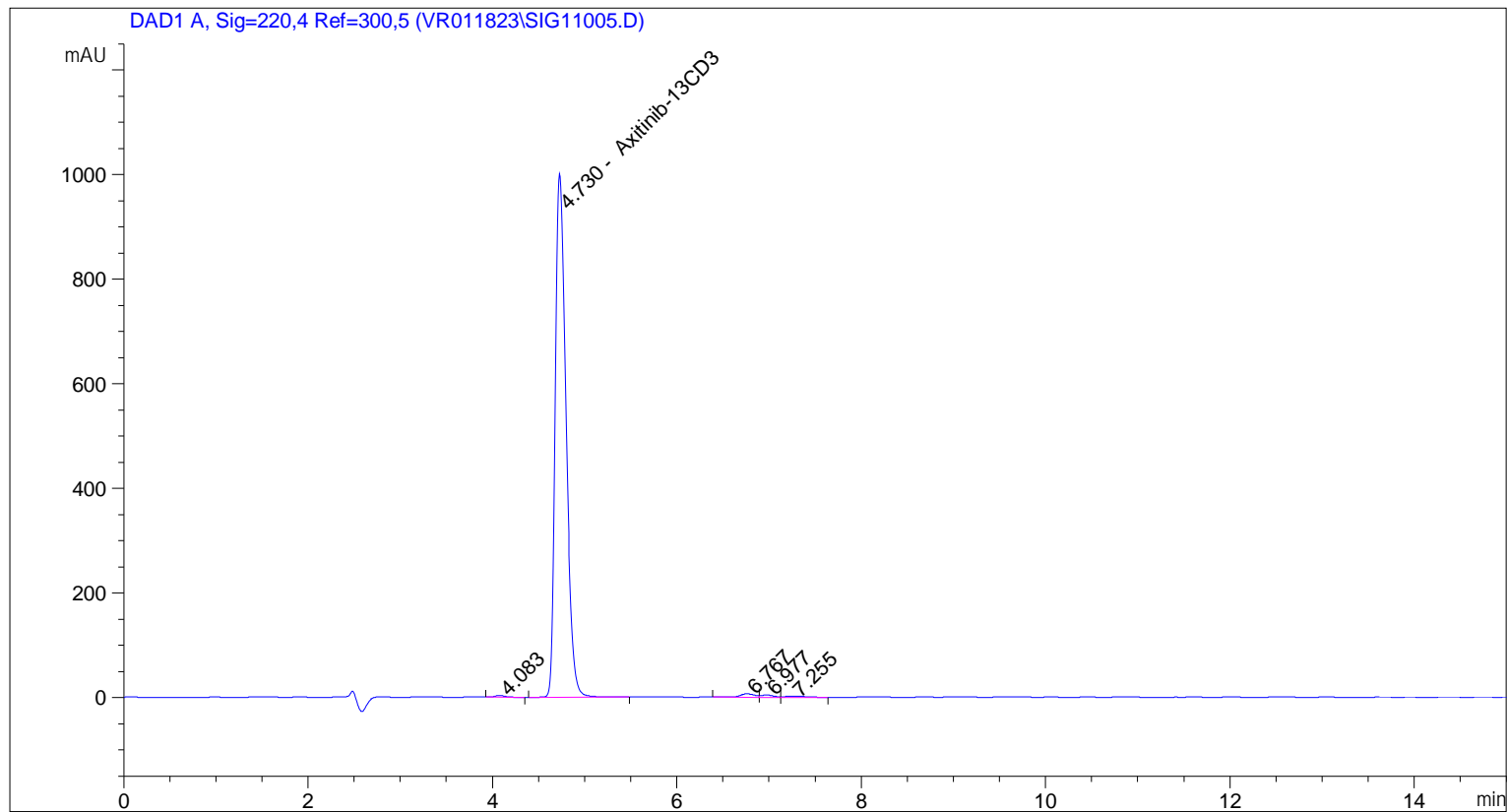
pp\_2018\_084\_GR\_12\_023\_1 134 (2.479) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (133:143)



Expansion of above showing intensity labels.

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 4
Injection Date  : 3/8/2023 9:37:08 AM
                                           Inj Volume : 10.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR030823_023.M
Last changed   : 3/8/2023 9:36:04 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR030823_023PM.M
Last changed   : 3/8/2023 10:28:13 AM by vrusu
  
```



=====  
 Area Percent Report  
 =====

```

Sorted By      : Signal
Calib. Data Modified : Wednesday, March 08, 2023 10:17:34 AM
Multiplier:    : 1.0000
Dilution:     : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=220,4 Ref=300,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.083	BB	0.1088	23.93246	0.2900	?
2	4.730	BB	0.1241	8078.33936	97.8970	Axitinib-13CD3
3	6.767	BV	0.1624	70.79637	0.8579	?
4	6.977	VV	0.1465	40.60065	0.4920	?
5	7.255	VB	0.2133	38.20720	0.4630	?

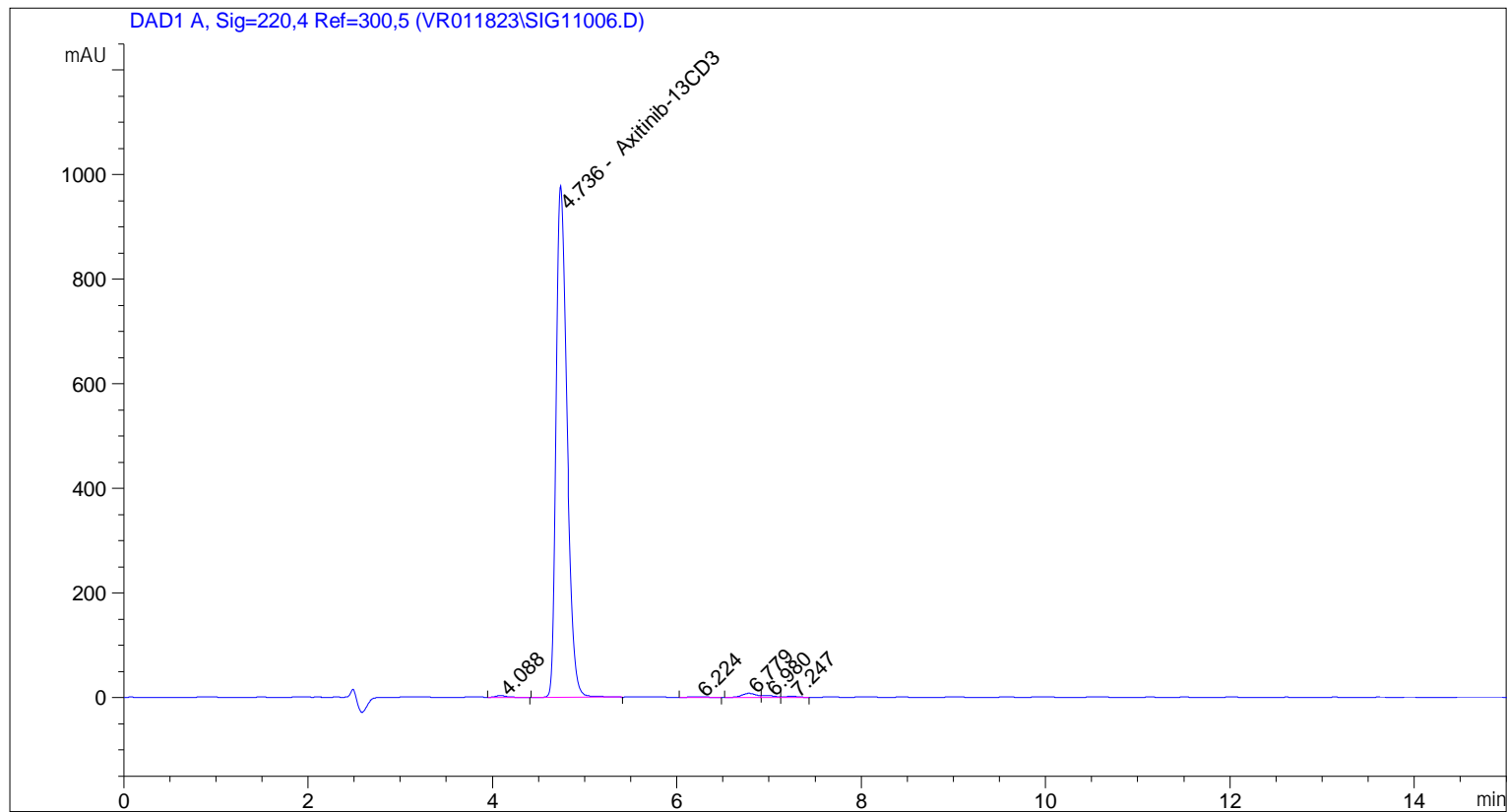
Totals : 8251.87603

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\*\*\* End of Report \*\*\*

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 5
Injection Date  : 3/8/2023 9:59:47 AM
                                           Inj Volume : 10.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR030823_023.M
Last changed   : 3/8/2023 9:58:41 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR030823_023PM.M
Last changed   : 3/8/2023 10:28:13 AM by vrusu
  
```



=====  
 Area Percent Report  
 =====

```

Sorted By           :      Signal
Calib. Data Modified :      Wednesday, March 08, 2023 10:17:34 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=220,4 Ref=300,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.088	BB	0.1170	24.57523	0.2996	?
2	4.736	BB	0.1276	8012.77637	97.6999	Axitinib-13CD3
3	6.224	BB	0.1930	16.55216	0.2018	?
4	6.779	BV	0.1711	88.61221	1.0804	?
5	6.980	VV	0.1351	35.66996	0.4349	?
6	7.247	VB	0.1618	23.23533	0.2833	?

Totals : 8201.42125

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\*\*\* End of Report \*\*\*