

Name:	Lovastatin Isobutyl Ester (Lovastatin Related Compound 8)
Lot#:	GR-15-077
Test Date:	08/07/2025 (re-test date: 08/07/2030)
CAS No.:	NA
MF:	C ₂₈ H ₄₆ O ₆
MW:	478.66
Appearance:	Off-white solid
Purity:	99.3% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 479.33 [M+H] ⁺)
Storage	Long term store at -20°C in a dry place away from direct sunlight

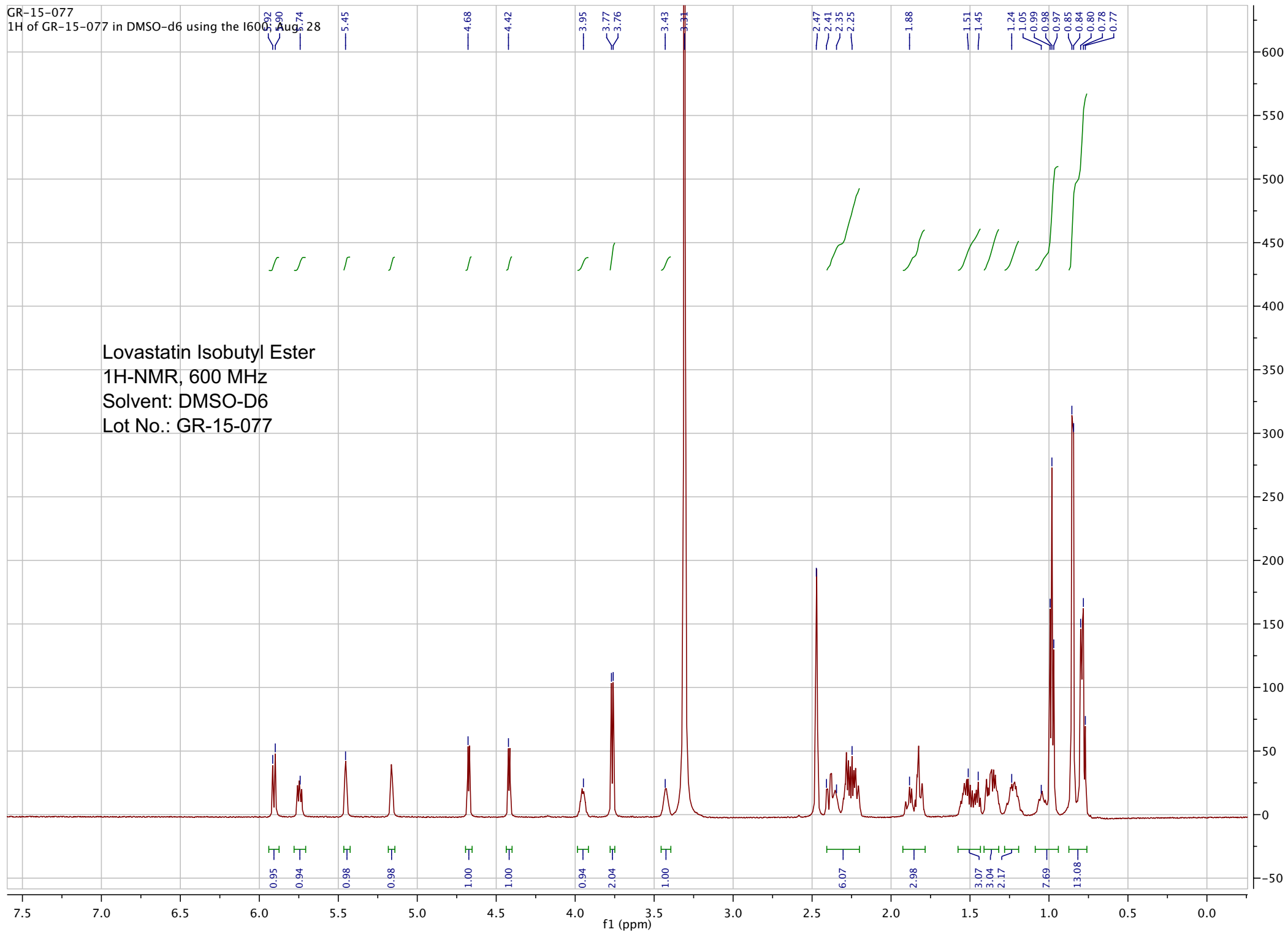
Approved by:

Date: 08/07/2025

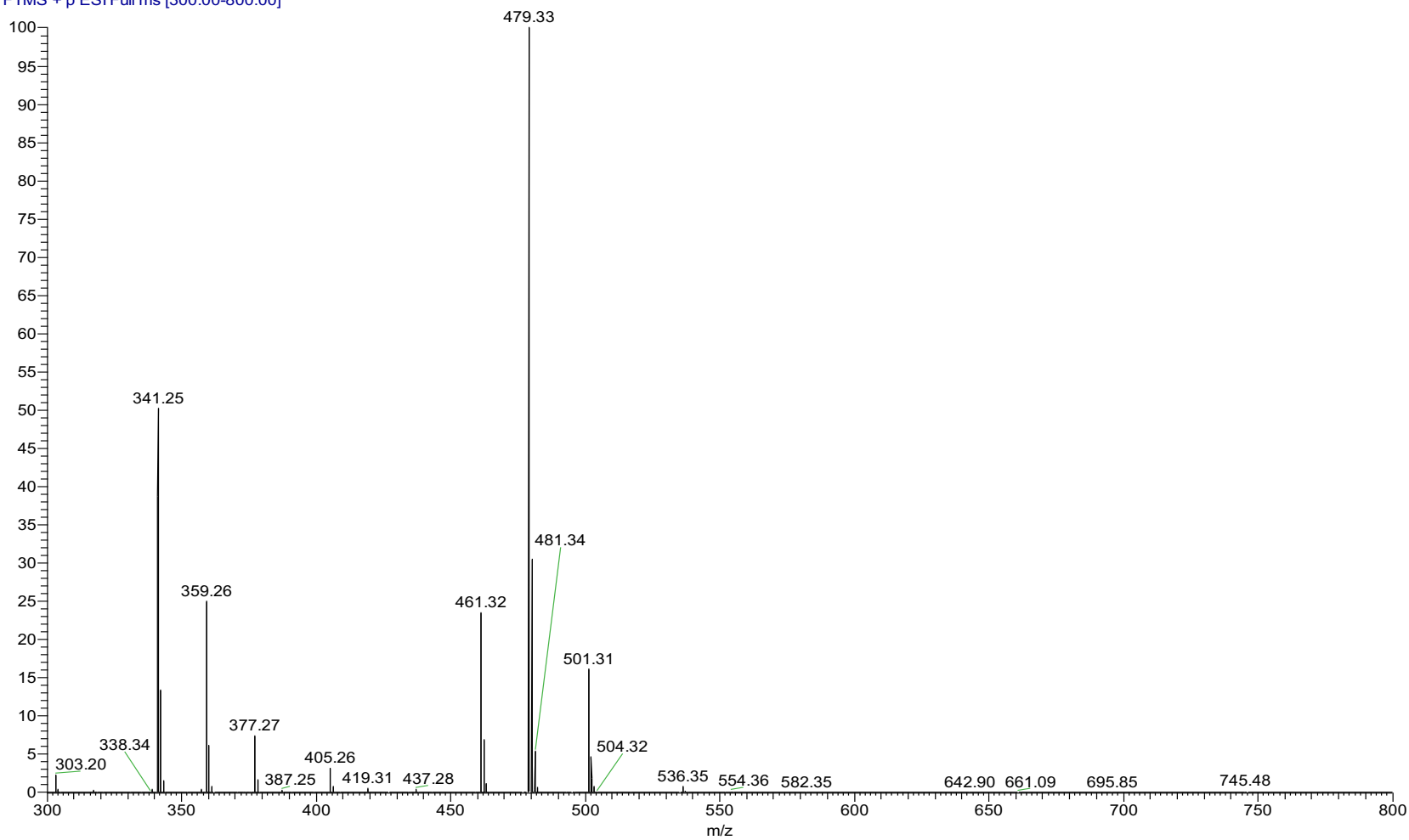


Viorica Rusu, QC/QA Manager

GR-15-077
1H of GR-15-077 in DMSO-d6 using the I600, Aug. 28



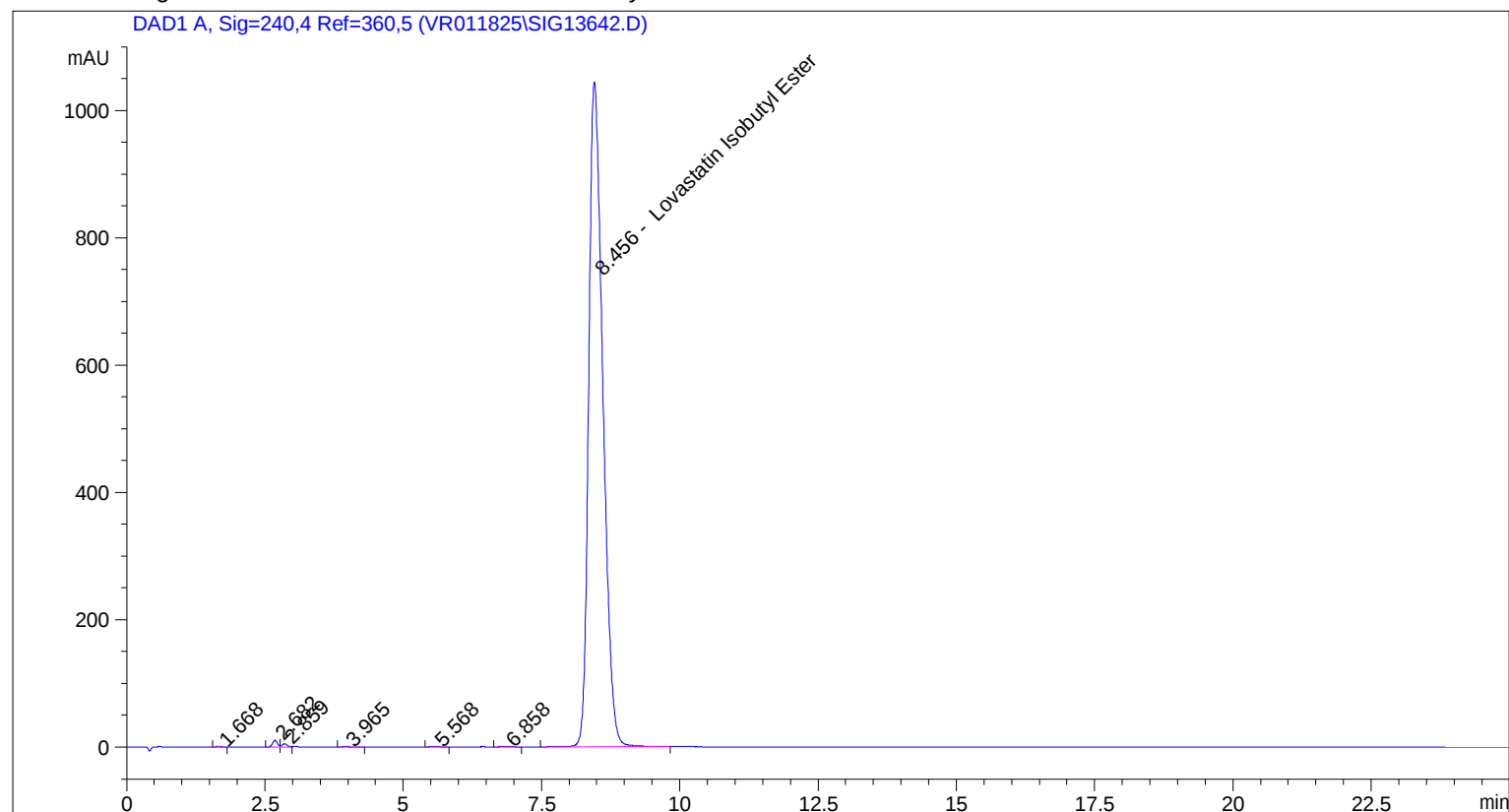
pp_2020_023_GR_15_077_001#449 RT: 1.92 AV: 1 NL: 2.40E8
T: FTMS + p ESI Full ms [300.00-800.00]



ESI-MS spectrum for sample GR-15-077. Shows monoisotopic $[M+H]^+$ mass.

Sample Name: GR-15-077 spl-2

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 12
Injection Date  : 8/7/2025 3:12:45 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR080625_077.M
Last changed    : 8/7/2025 3:11:35 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR080725_077PM.M
Last changed    : 8/7/2025 4:04:56 PM by vrusu
=====
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                        Area Percent Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      8/7/2025 4:04:25 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.668	BB	0.0724	5.98116	0.0321	?
2	2.682	BV	0.0912	63.50870	0.3404	?
3	2.859	VB	0.0950	31.14243	0.1669	?
4	3.965	BB	0.1370	3.85933	0.0207	?
5	5.568	BB	0.1325	5.96123	0.0320	?
6	6.858	BB	0.1686	10.60019	0.0568	?
7	8.456	BB	0.2751	1.85335e4	99.3511	Lovastatin Isobutyl Ester

Sample Name: GR-15-077 spl-2

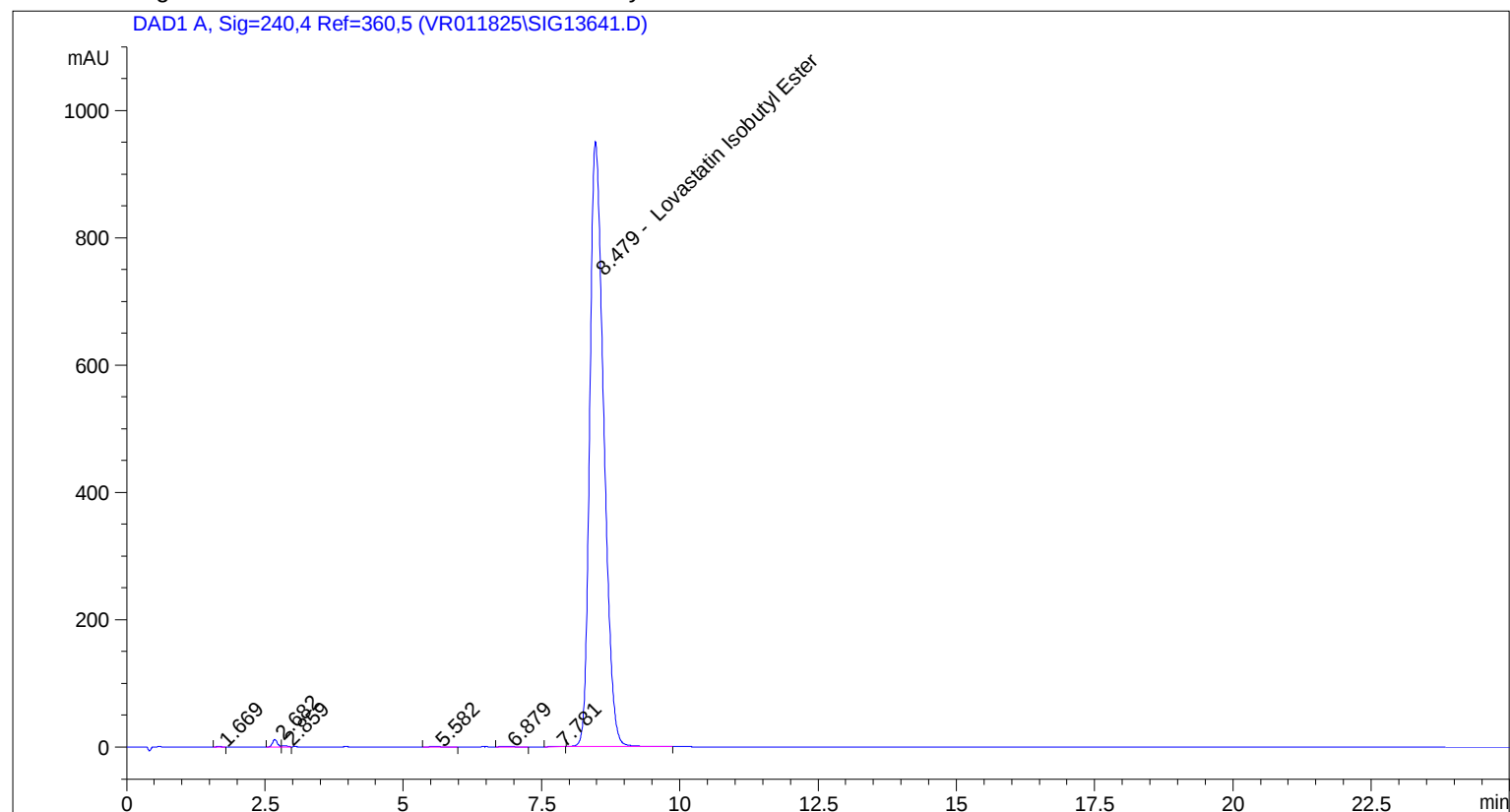
Totals : 1.86545e4

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*** End of Report ***

Sample Name: GR-15-077

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 11
Injection Date  : 8/7/2025 2:44:15 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR080625_077.M
Last changed    : 8/7/2025 2:42:59 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR080725_077PM.M
Last changed    : 8/7/2025 4:04:56 PM by vrusu
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      8/7/2025 4:04:25 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.669	BB	0.0715	5.59052	0.0333	?
2	2.682	BV	0.0921	70.78329	0.4214	?
3	2.859	VB	0.0939	13.13987	0.0782	?
4	5.582	BB	0.1691	8.58879	0.0511	?
5	6.879	BB	0.2014	9.85079	0.0587	?
6	7.781	BB	0.1401	7.03378	0.0419	?
7	8.479	BB	0.2708	1.66807e4	99.3154	Lovastatin Isobutyl Ester

Sample Name: GR-15-077

Totals : 1.67957e4

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*** End of Report ***