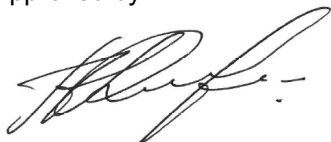


Name:	Flunisolide-21-Carboxylic Acid
Lot#:	GR-14-295
Test Date:	06/05/2020 (re-test date: 06/05/2025)
CAS No.:	1432475-16-5
MF:	C ₂₄ H ₂₉ FO ₇
MW:	448.48
Appearance:	White Solid
Purity:	98.4% by HPLC
¹H-NMR:	Conforms
MS-ESI (-)	Conforms (shows peak at m/z = 447.19 [M-H] ⁻)
Storage	Store at 0-8°C in a dry place away from direct sunlight

Approved by:

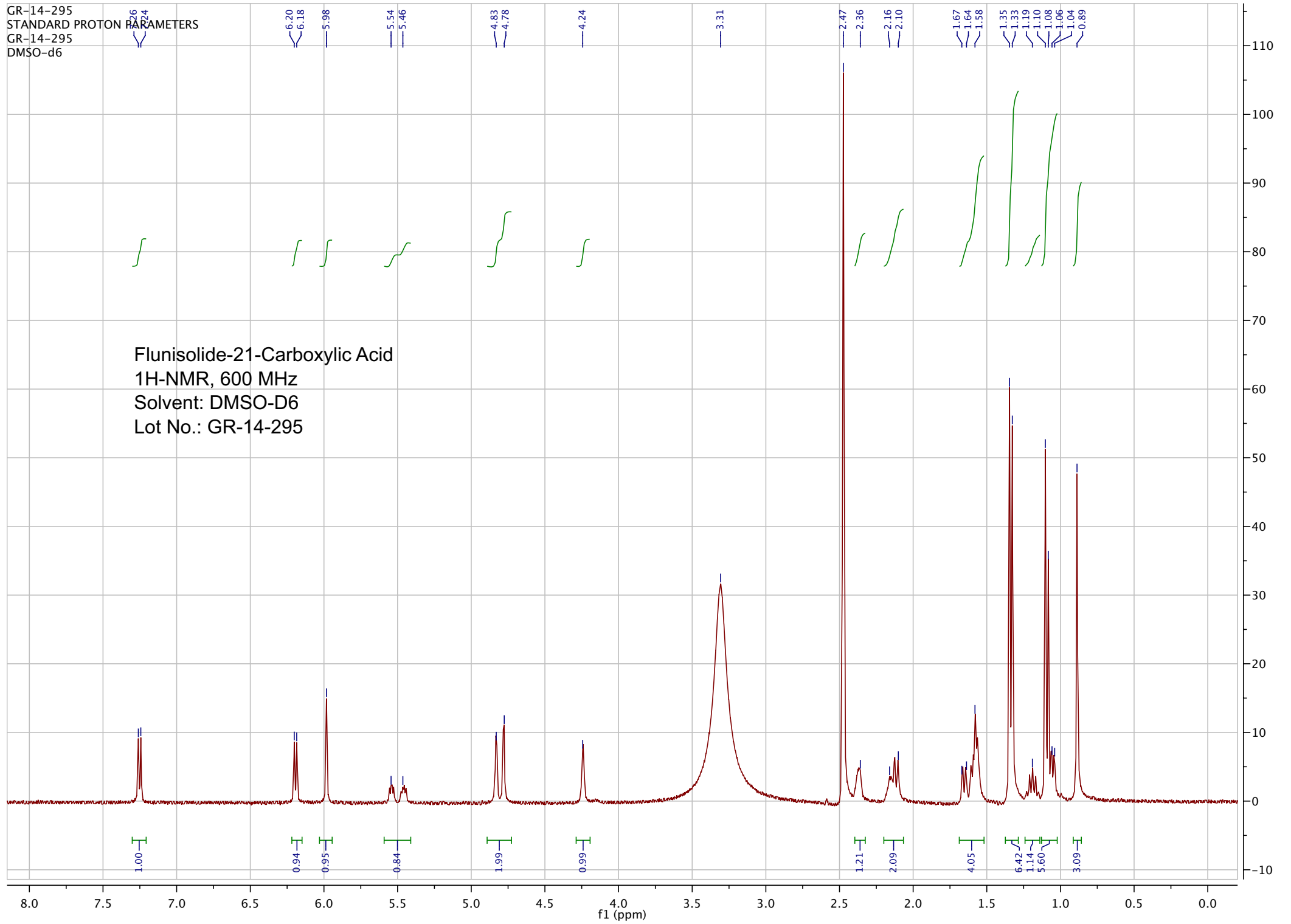
Date: 07/22/2020



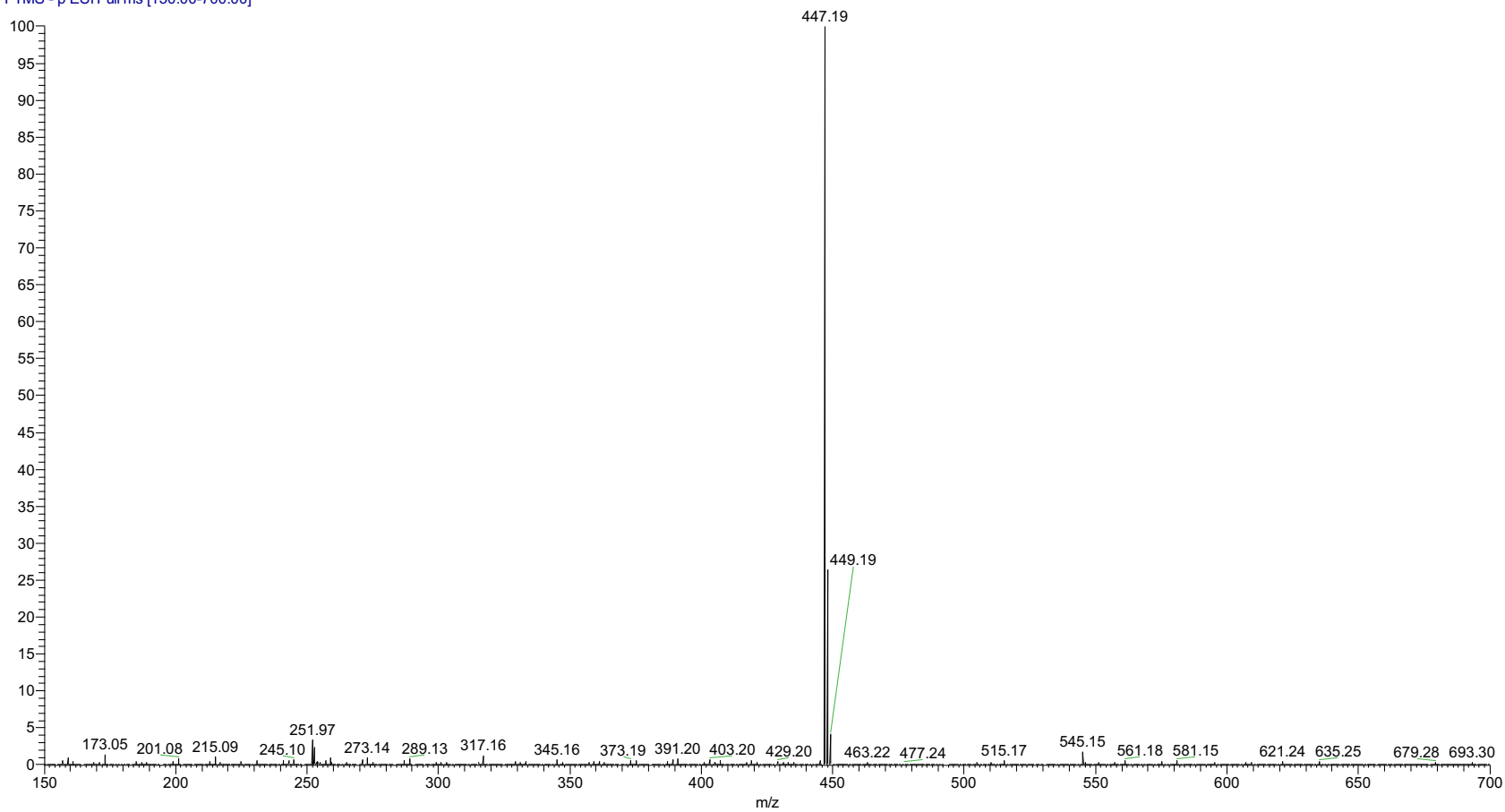
Viorica Rusu, QC/QA Manager

GR-14-295
STANDARD PROTON PARAMETERS
GR-14-295
DMSO-d6

Flunisolide-21-Carboxylic Acid
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-14-295

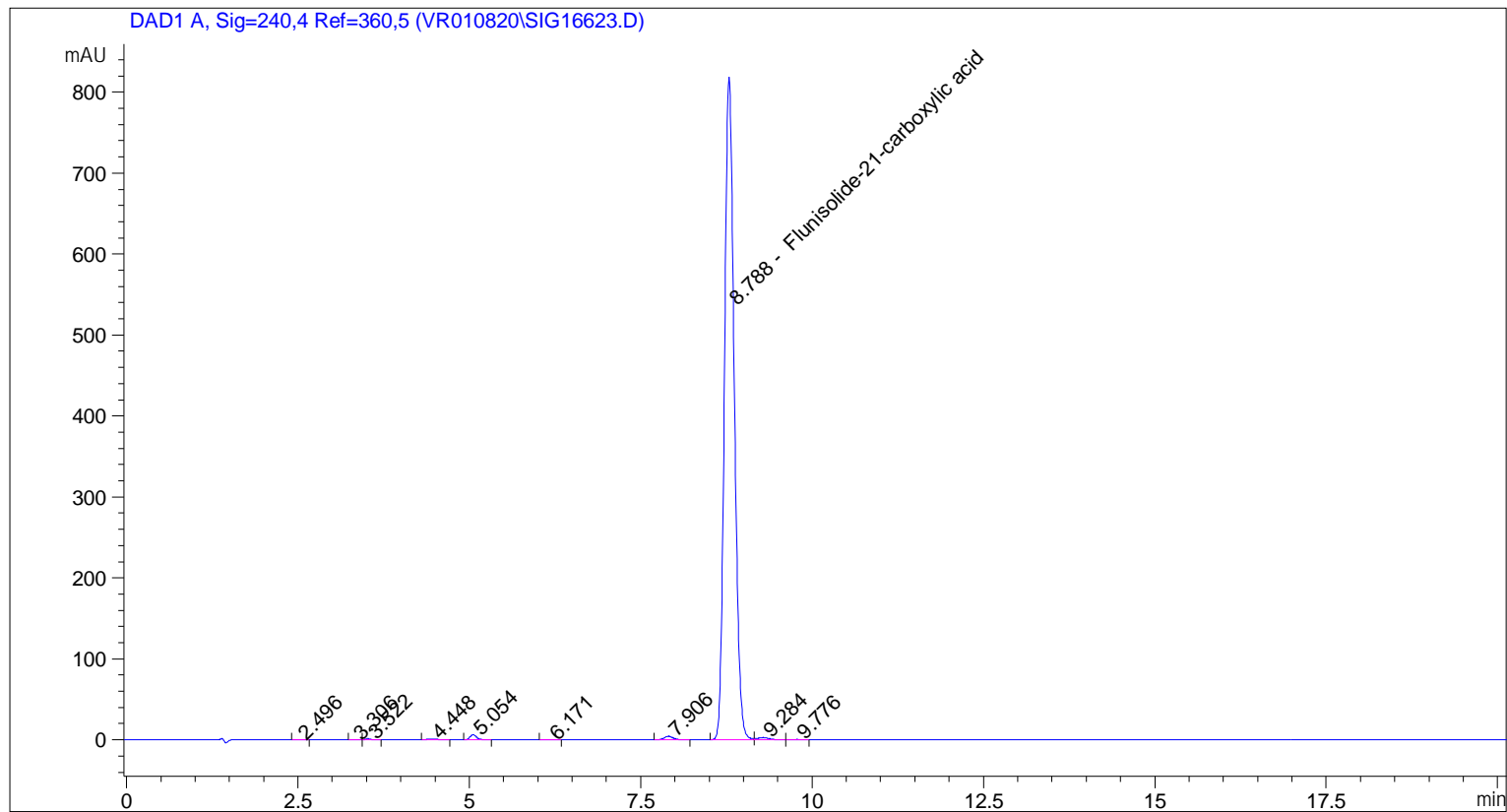


pp_2020_015_GR14295_neg_001 #374 RT: 2.78 AV: 1 NL: 1.15E7
T: FTMS - p ESI Full ms [150.00-700.00]



ESI-MS spectrum for sample GR-14-295. Shows monoisotopic [M-H]⁻ mass.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 15
Injection Date : 6/5/2020 9:10:18 AM Inj Volume : 6.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR060520_295.M
Last changed : 6/5/2020 9:09:18 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR060520_295PM.M
Last changed : 6/5/2020 9:32:26 AM by vrusu



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

Sorted By : Signal
Calib. Data Modified : 6/5/2020 9:32:10 AM
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	2.496	BB	0.0750	1.87734	0.0227	?
2	3.306	BV	0.0730	1.67719	0.0203	?
3	3.522	VB	0.0807	6.60064	0.0799	?
4	4.448	BB	0.1377	9.36317	0.1134	?
5	5.054	BB	0.0996	40.77110	0.4938	?
6	6.171	BB	0.1172	1.33300	0.0161	?
7	7.906	BB	0.1360	38.00430	0.4603	?
8	8.788	VV	0.1537	8123.45605	98.3930	Flunisolide-21-carboxylic acid

Sample Name: GR-14-295

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	9.284	VV	0.1724	29.97879	0.3631	?
10	9.776	VB	0.1290	3.07403	0.0372	?

Totals : 8256.13563

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*** End of Report ***