

Name: Dopal-D5
3,4-Dihydroxy- α -tolualdehyde-D5; 3,4-Dihydroxybenzeneacetaldehyde-D5; (3,4-Dihydroxyphenyl)acetaldehyde-D5

Lot#: GR-7-265

Test Date: 11/04/2016 (re-test date: 11/04/2021)

CAS No.: 5707-55-1 (unlabelled)

MF: C₈H₃D₅O₃

MW: 157.18

Appearance: Yellow oil

Purity: 96.2% by HPLC; >98% deuterium labeling

¹H-NMR: Conforms (contains some acetonitrile)

MS-ESI (-): Conforms (shows peak at m/z = 156.13 [M-H]⁻)

Storage: -20°C Freezer; Under inert atmosphere, away from light

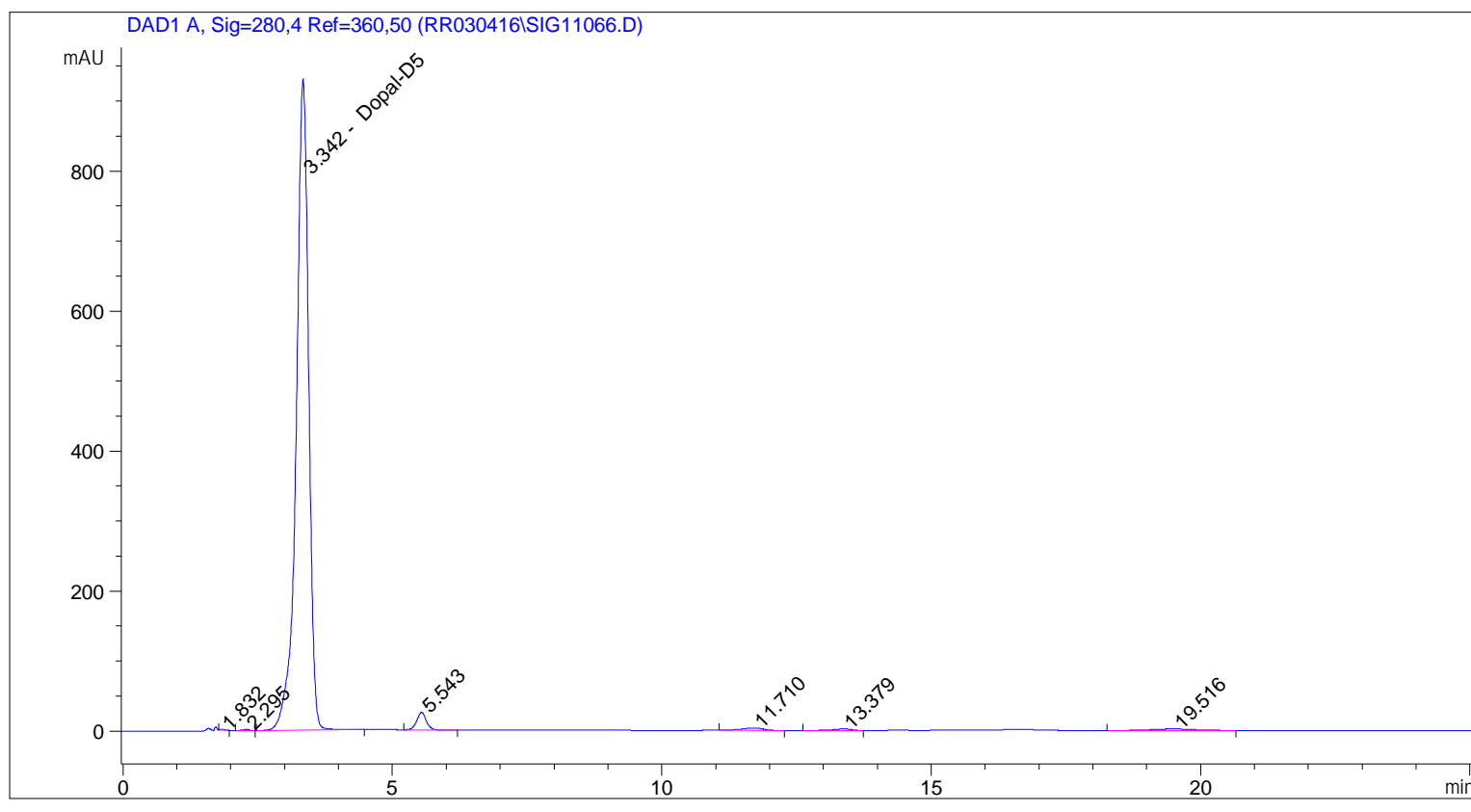
Approved by:

Date: 04/13/2016



Viorica Rusu, QC/QA Manager

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Acq. Operator : rrusu
Acq. Instrument : Instrument 1 Location : Vial 67
Injection Date : 4/11/2016 3:46:16 PM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\RR040816_265.M
Last changed : 4/11/2016 3:39:55 PM by rrusu
(modified after loading)
Analysis Method : C:\CHEM32\1\METHODS\RR041116_265PM.M
Last changed : 4/11/2016 4:22:29 PM by rrusu
Sample Info : Zorbax Eclipse XSB C18, 4.6x150mm, 3.5µ



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 4/11/2016 4:13:50 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=280,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.832	BB	0.0818	4.77180	0.0310	?
2	2.295	BB	0.1178	12.41951	0.0807	?
3	3.342	BB	0.2419	1.48046e4	96.1981	Dopa1-D5
4	5.543	BB	0.1847	305.06802	1.9823	?

Sample Name: GR-7-265

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
5	11.710	BB	0.3914	94.66267	0.6151	?
6	13.379	BB	0.3240	52.52118	0.3413	?
7	19.516	BB	0.6428	115.66058	0.7515	?

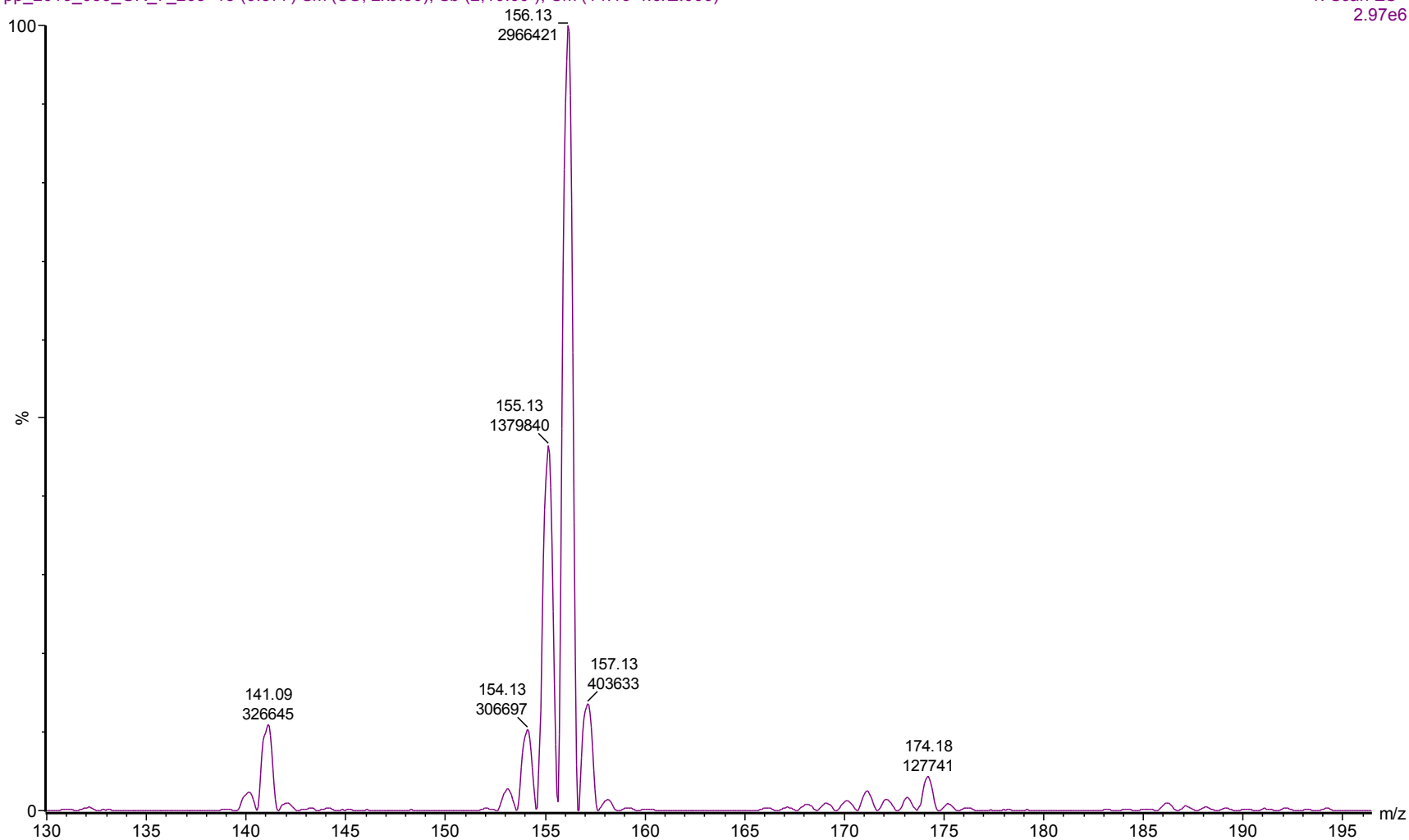
Totals : 1.53897e4

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*** End of Report ***

12-Apr-2016, 10:05:41

1: Scan ES-
2.97e6

pp_2016_035_GR_7_265 15 (0.877) Sm (SG, 2x0.50); Sb (2,10.00); Cm (14:16-4:6x2.000)



ESI-MS spectrum for sample GR-7-265. Shows monoisotopic [M-H]- mass.

Dopal-D5
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-7-265

