

Name: *syn/anti-Norgestimate-2,2,4,6,6,10-D6-N-acetate*

Lot#: GR-3-135

Test Date: 03/14/2020 (re-test date: 03/14/2025)

CAS No.: 1263195-02-3

MF: C₂₅H₂₇D₆NO₄

MW: 417.58

Appearance: White Solid

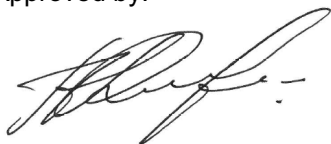
Purity: 98.6% by HPLC (sum of *syn*- and *anti*- isomers); >98% atom D

¹H-NMR: Conforms

MS-ESI (+) Conforms

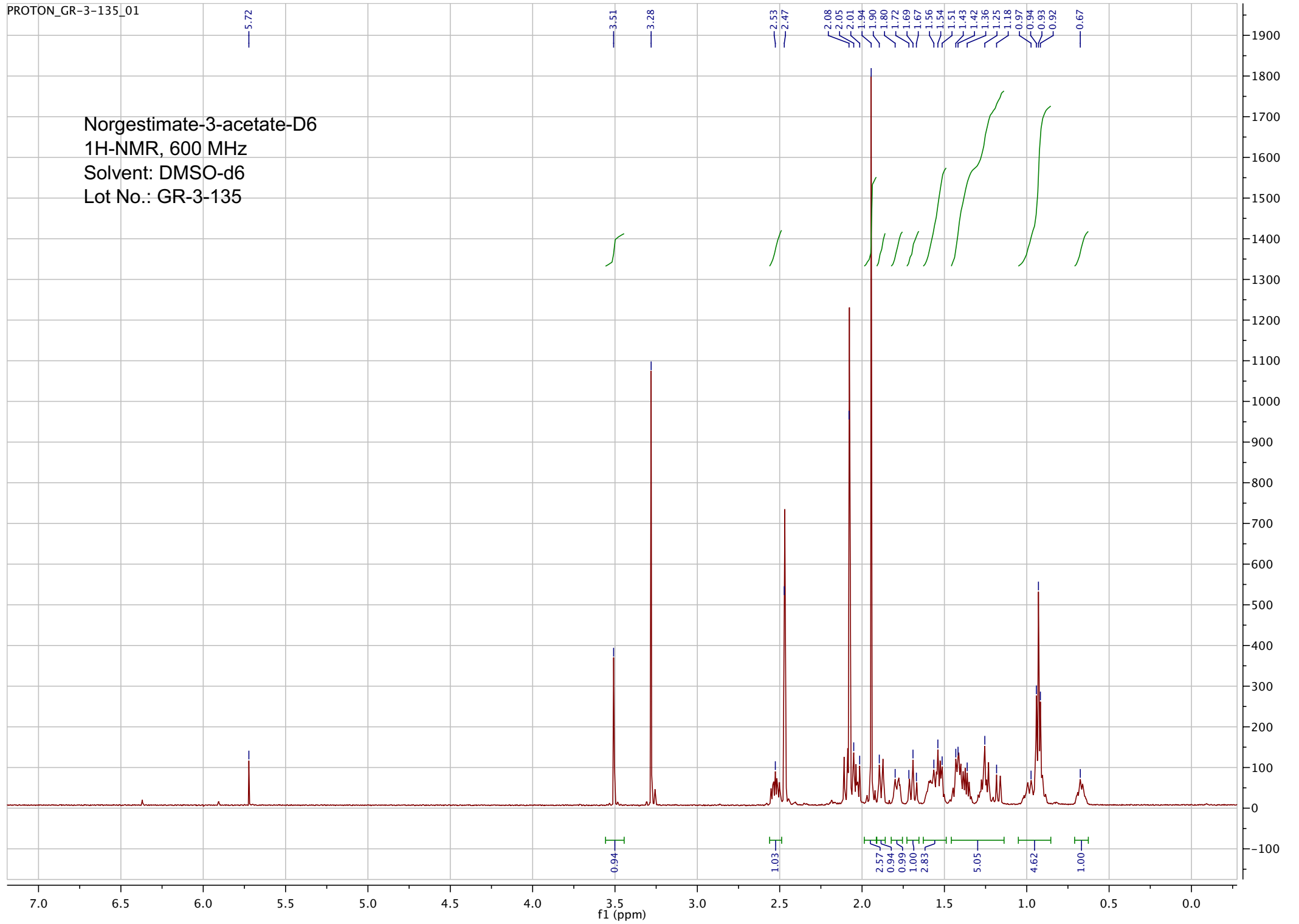
Approved by:

Date: 03/14/2020

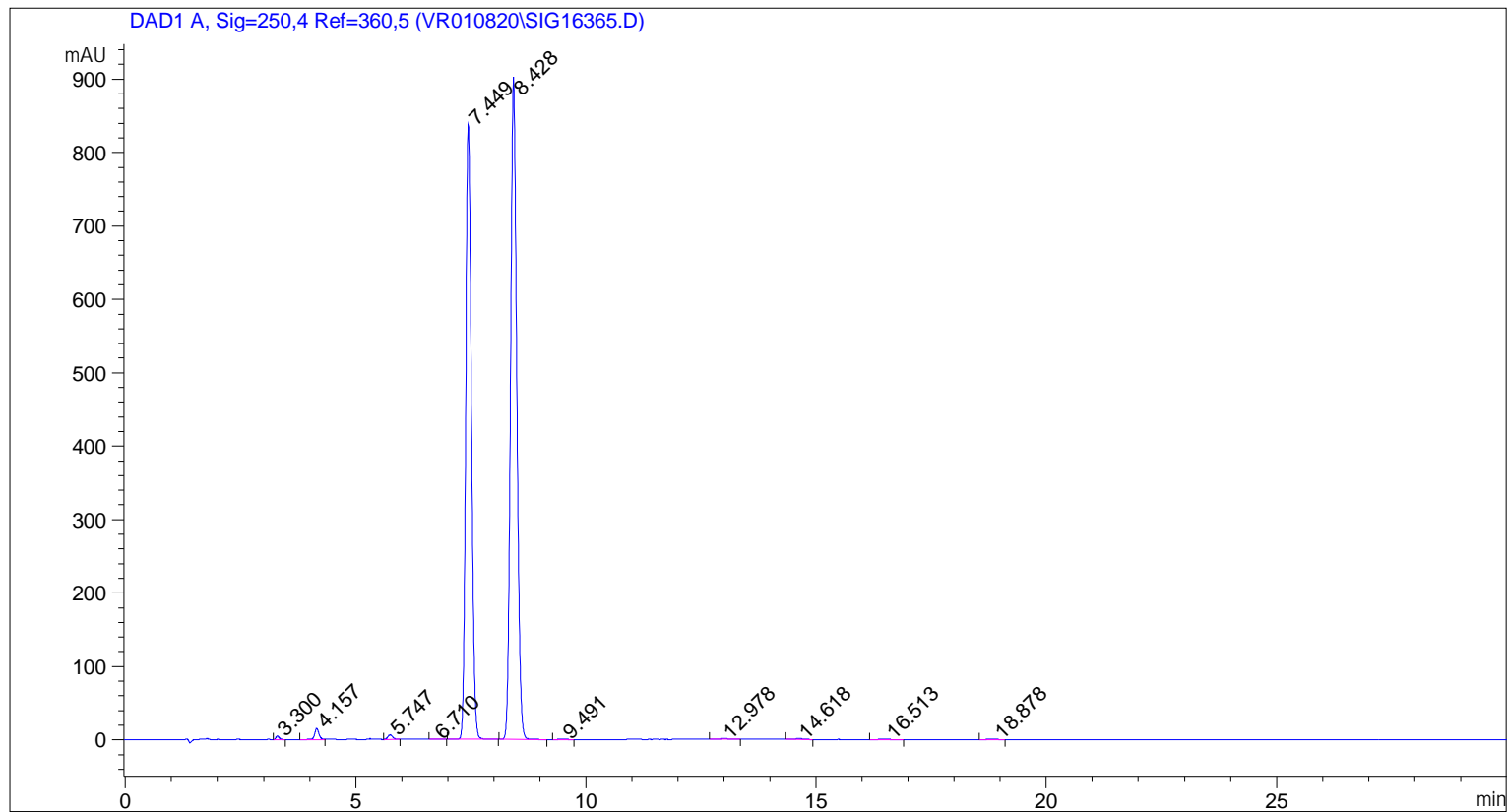


Viorica Rusu, QC/QA Manager

Norgestimate-3-acetate-D6
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-3-135



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 82
Injection Date : 3/14/2020 9:37:58 AM Inj Volume : 20.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR031420_135.M
Last changed : 3/14/2020 9:36:48 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031420_135PM.M
Last changed : 3/14/2020 10:21:58 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=250,4 Ref=360,5

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|--------|---------------|------|-------------|--------------|--------------|---------|
| 1 | 3.300 | VV | 0.0768 | 26.08575 | 5.17159 | 0.1620 |
| 2 | 4.157 | BV | 0.0975 | 98.52990 | 15.22274 | 0.6120 |
| 3 | 5.747 | BB | 0.1111 | 44.11191 | 6.19047 | 0.2740 |
| 4 | 6.710 | VB | 0.1584 | 7.99233 | 6.45837e-1 | 0.0496 |
| 5 | 7.449 | BB | 0.1345 | 7216.17969 | 837.50580 | 44.8207 |
| 6 | 8.428 | BB | 0.1499 | 8652.81934 | 902.25531 | 53.7439 |
| 7 | 9.491 | BV | 0.1516 | 8.54997 | 7.81725e-1 | 0.0531 |
| 8 | 12.978 | BB | 0.2243 | 14.89162 | 8.34218e-1 | 0.0925 |
| 9 | 14.618 | BB | 0.1898 | 15.80467 | 1.03677 | 0.0982 |

Sample Name: GR-3-135

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|--------|---------------|------|-------------|--------------|--------------|--------|
| 10 | 16.513 | BB | 0.2321 | 8.15644 | 4.32329e-1 | 0.0507 |
| 11 | 18.878 | BV | 0.2096 | 6.98474 | 4.08255e-1 | 0.0434 |

Totals : 1.61001e4 1770.48504

1 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)

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*** End of Report ***