

Name: 3-Methoxy-18-methyl-1,3,5(10)-estratrien-17β-ol
Lot#: GR-8-065
Test Date: 05/05/2021 (re-test date: 05/05/2026)
CAS No.: 3625-82-9
MF: C₂₀H₂₈O₂
MW: 300.44
Appearance: Beige solid
Purity: 96.9% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (+) Conforms
Storage Store at 0-5°C in a dry place away from direct sunlight

Approved by:

Date: 05/05/2021



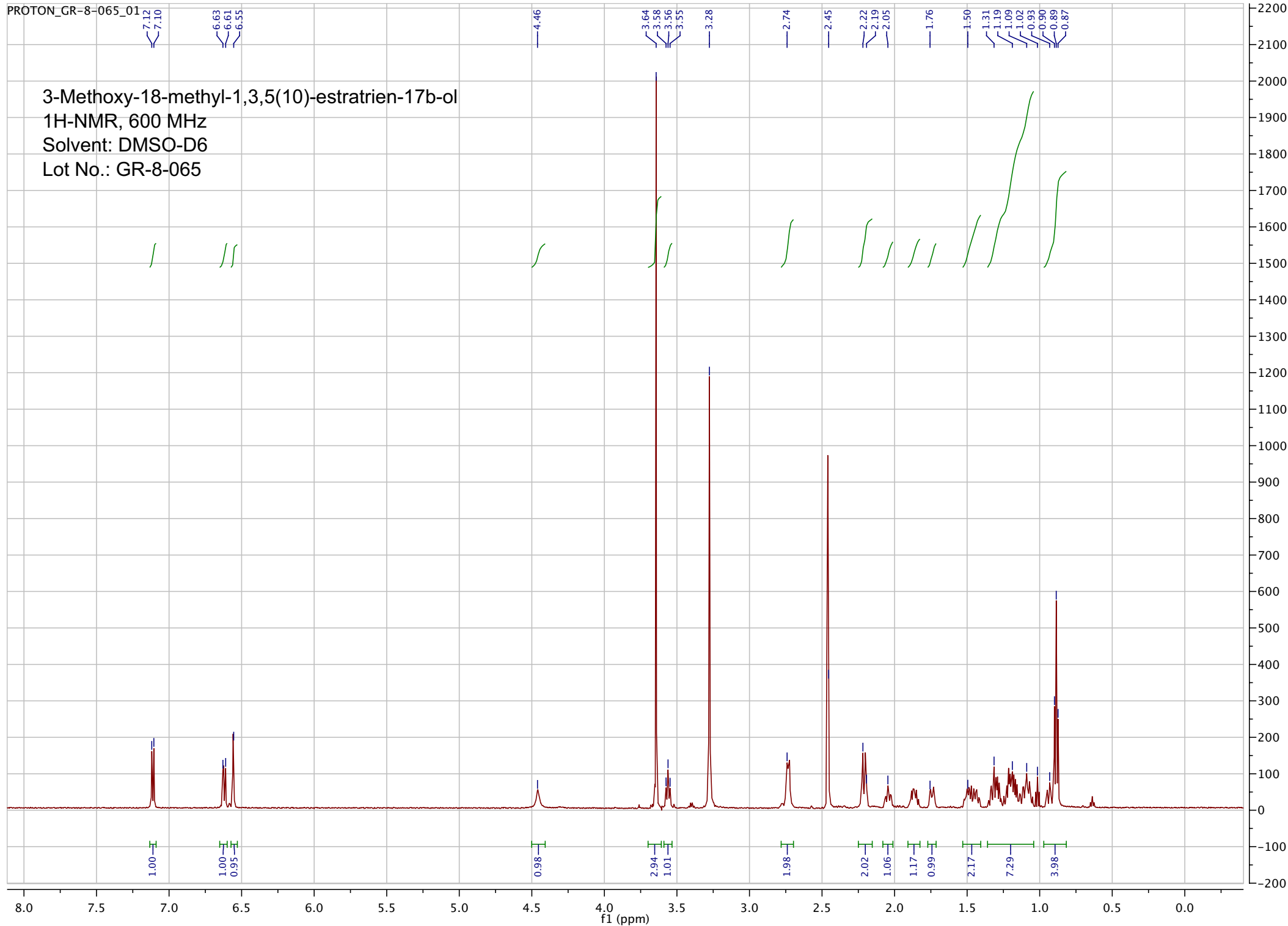
Viorica Rusu, QC/QA Manager

3-Methoxy-18-methyl-1,3,5(10)-estratrien-17b-ol

1H-NMR, 600 MHz

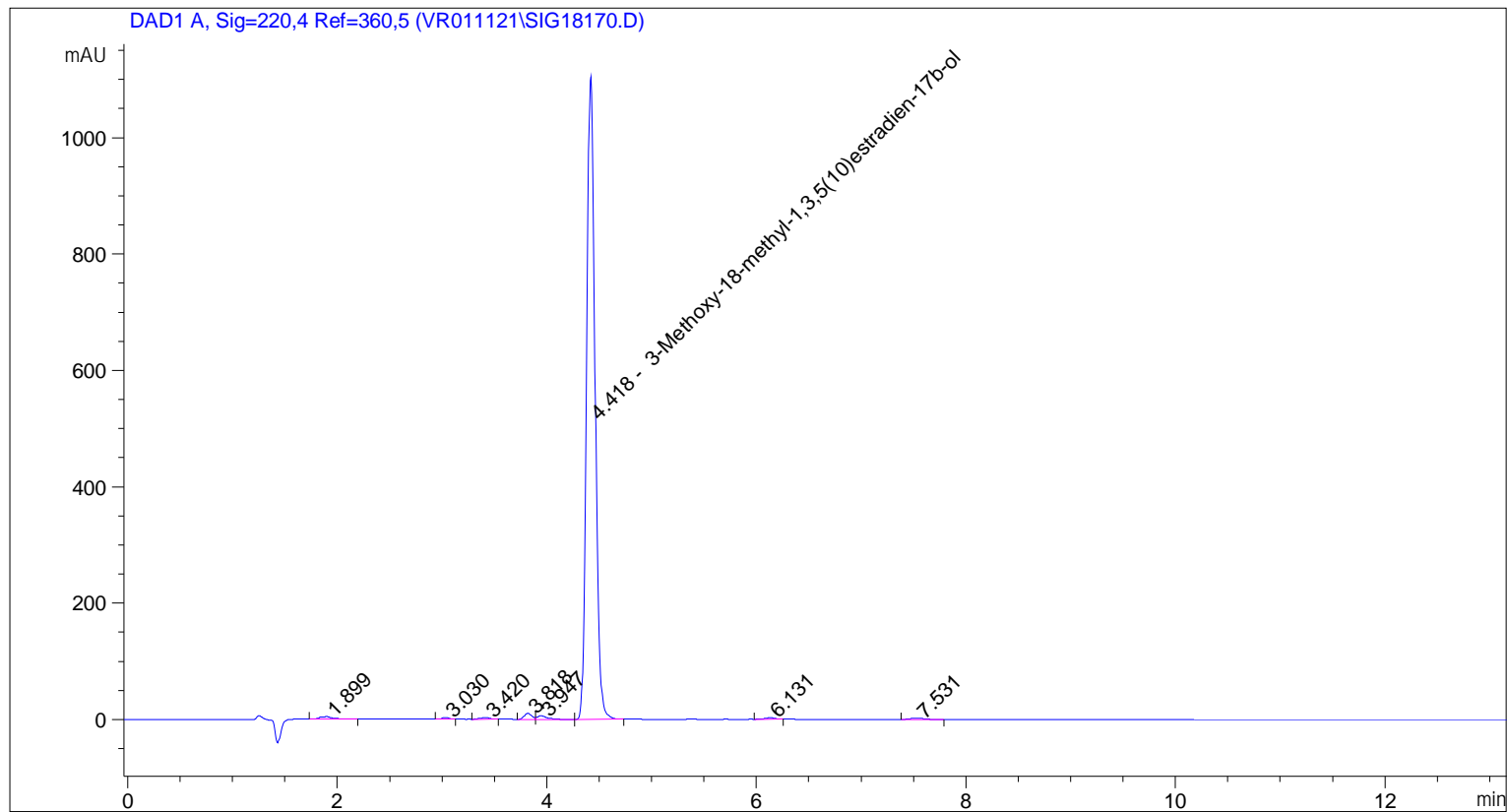
Solvent: DMSO-D6

Lot No.: GR-8-065



```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 55
Injection Date  : 5/5/2021 2:05:14 PM
                                           Inj Volume : 7.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR050521_065.M
Last changed    : 5/5/2021 2:04:18 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR050521_065PM.M
Last changed    : 5/5/2021 3:35:38 PM by vrusu
  
```



Area Percent Report

```

Sorted By           : Signal
Calib. Data Modified : 5/5/2021 3:33:20 PM
Multiplier:         : 1.0000
Dilution:           : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.899	BB	0.1131	37.18624	0.5814	?
2	3.030	BB	0.0644	11.99474	0.1875	?
3	3.420	BB	0.0921	17.12213	0.2677	?
4	3.818	BV	0.0783	51.92833	0.8119	?
5	3.947	VB	0.0934	42.71065	0.6678	?
6	4.418	BB	0.0874	6196.93604	96.8848	3-Methoxy-18-methyl-1,3,5(10)estradien-17b-ol
7	6.131	BB	0.1074	16.53404	0.2585	?
8	7.531	BB	0.1367	21.78078	0.3405	?

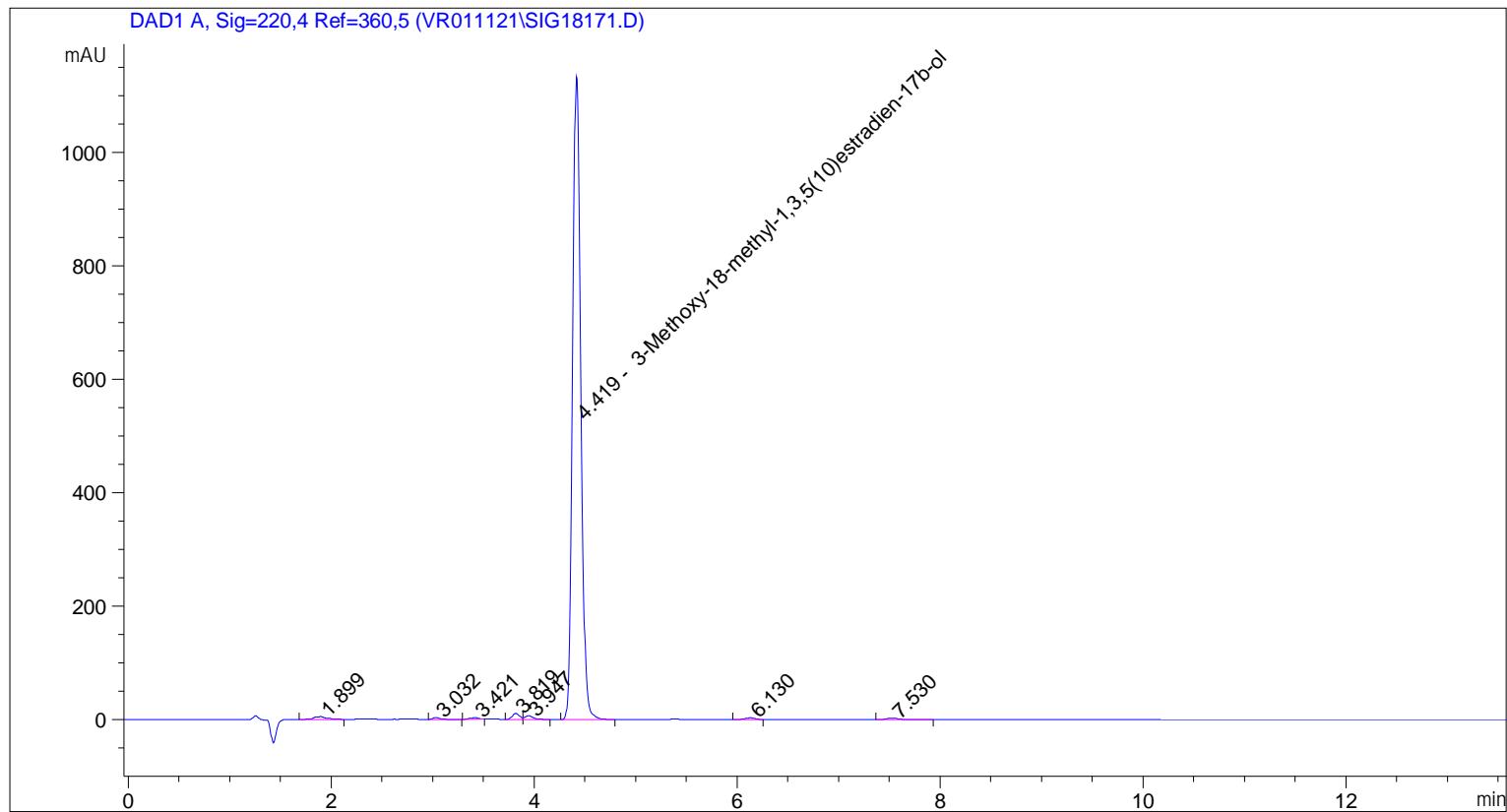
Sample Name: GR-8-065

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
----- ----- ----- ----- ----- ----- -----				Totals :	6396.19294	

=====
*** End of Report ***

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 56
Injection Date  : 5/5/2021 2:21:03 PM
                                           Inj Volume : 7.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR050521_065.M
Last changed   : 5/5/2021 2:20:14 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR050521_065PM.M
Last changed   : 5/5/2021 3:35:38 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      5/5/2021 3:33:20 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.899	BB	0.1128	40.88565	0.6217	?
2	3.032	BB	0.0719	15.22793	0.2316	?
3	3.421	BB	0.0863	16.53362	0.2514	?
4	3.819	BV	0.0759	53.78452	0.8179	?
5	3.947	VB	0.0869	38.57912	0.5866	?
6	4.419	BB	0.0874	6368.54443	96.8423	3-Methoxy-18-methyl-1,3,5(10)estradien-17b-ol
7	6.130	BB	0.1049	17.35764	0.2639	?
8	7.530	BB	0.1430	25.28937	0.3846	?

Sample Name: GR-8-065 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
Totals :				6576.20229		

=====
*** End of Report ***