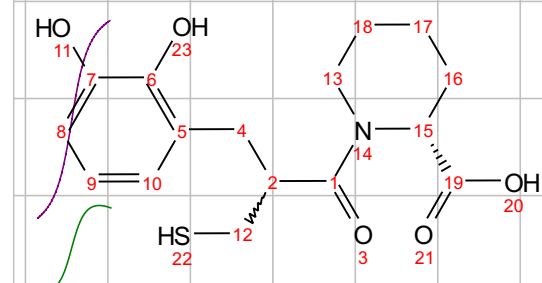
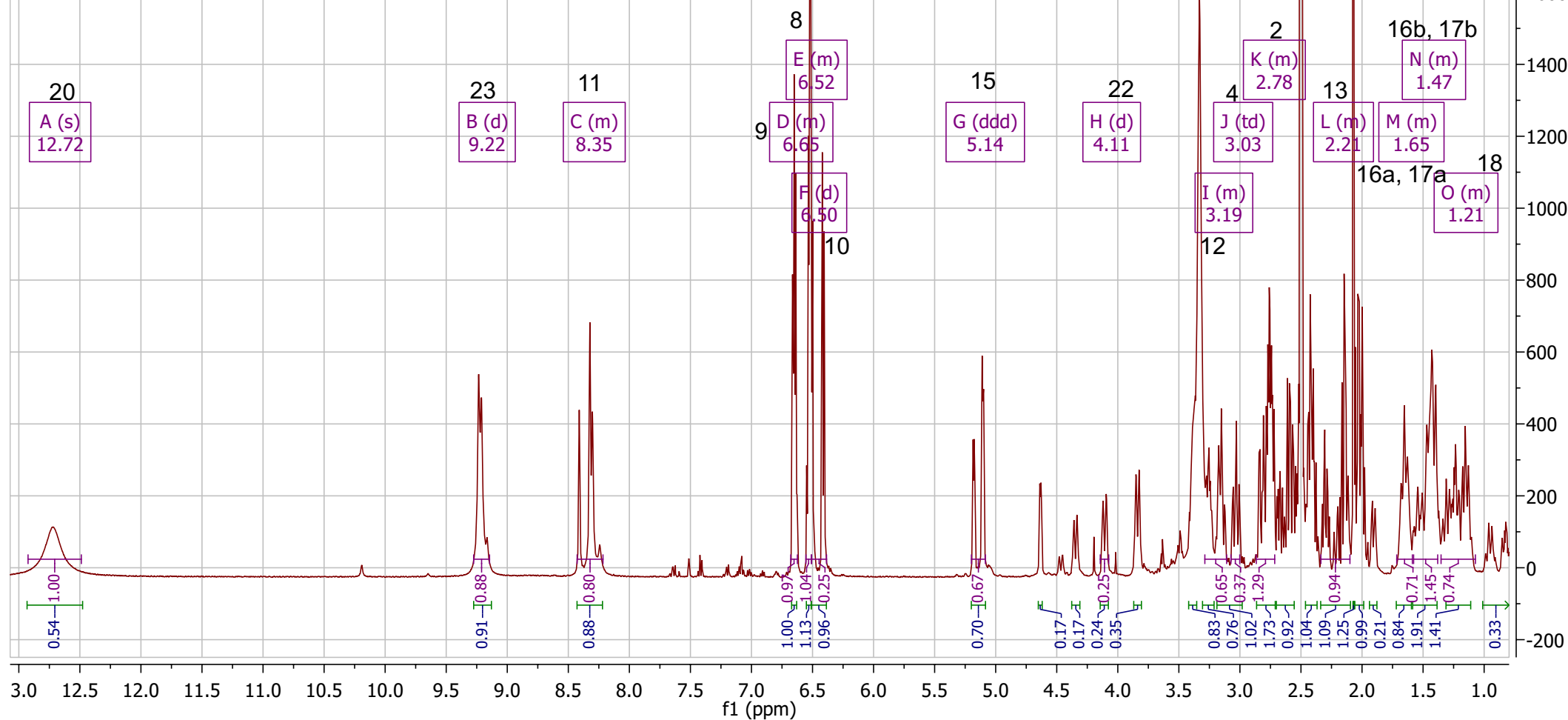


AV500-2021-07-19-mjrpro.37219.1.fid
 Group AK_Proshak
 mjr347-1
 1H DMSO /nmr/Tag-Messung Tag-Messung 59



¹H NMR (500 MHz, DMSO-*d*₆) δ 12.72 (s, 1H), 9.22 (d, *J* = 11.8 Hz, 1H), 8.43 – 8.22 (m, 1H), 6.68 – 6.62 (m, 1H), 6.55 – 6.51 (m, 1H), 6.50 (d, *J* = 4.4 Hz, 1H), 5.14 (ddd, *J* = 37.3, 6.0, 2.3 Hz, 1H), 4.11 (d, *J* = 13.7 Hz, 1H), 3.29 – 3.11 (m, 2H), 3.03 (td, *J* = 13.1, 3.0 Hz, 1H), 2.87 – 2.71 (m, 1H), 2.34 – 2.10 (m, 2H), 1.72 – 1.59 (m, 2H), 1.58 – 1.38 (m, 2H), 1.35 – 1.07 (m, 2H).



AV500-2021-07-19-mjrpro.37218.1.fid
Group AK_Proshak
mjr345-9
1H DMSO /nmr/Tag-Messung Tag-Messung 58

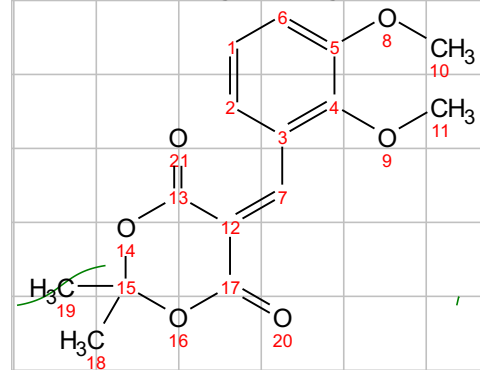


AV400-2021-02-11-mjrpro.39837.1.fid

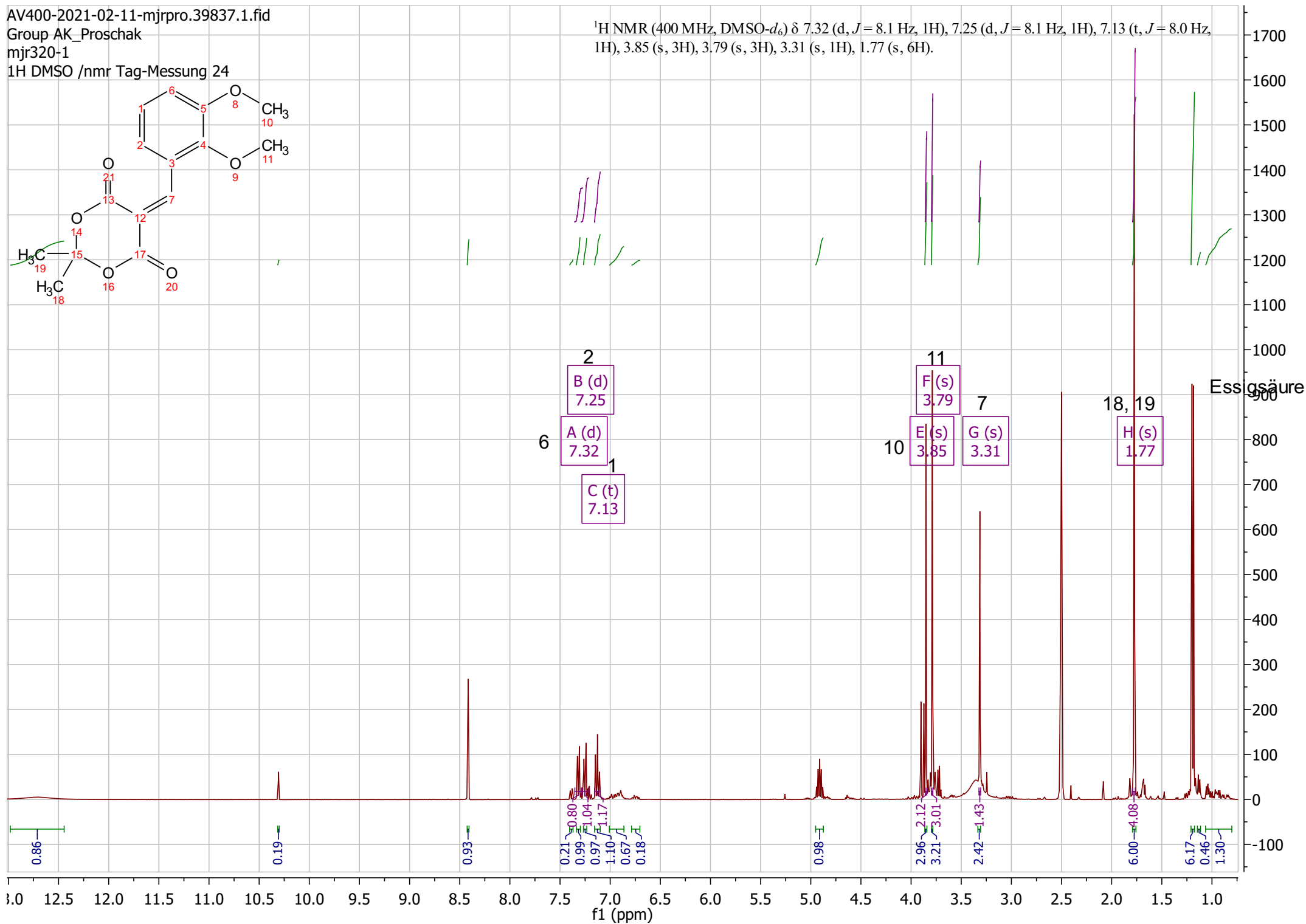
Group AK_Proshak

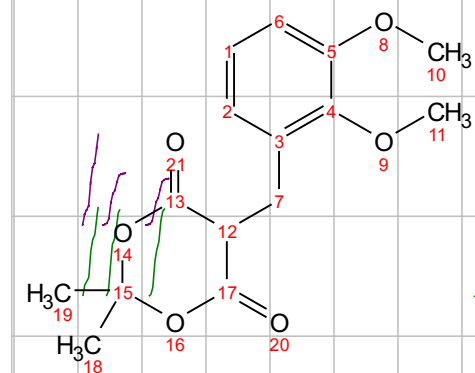
mjr320-1

¹H DMSO /nmr Tag-Messung 24

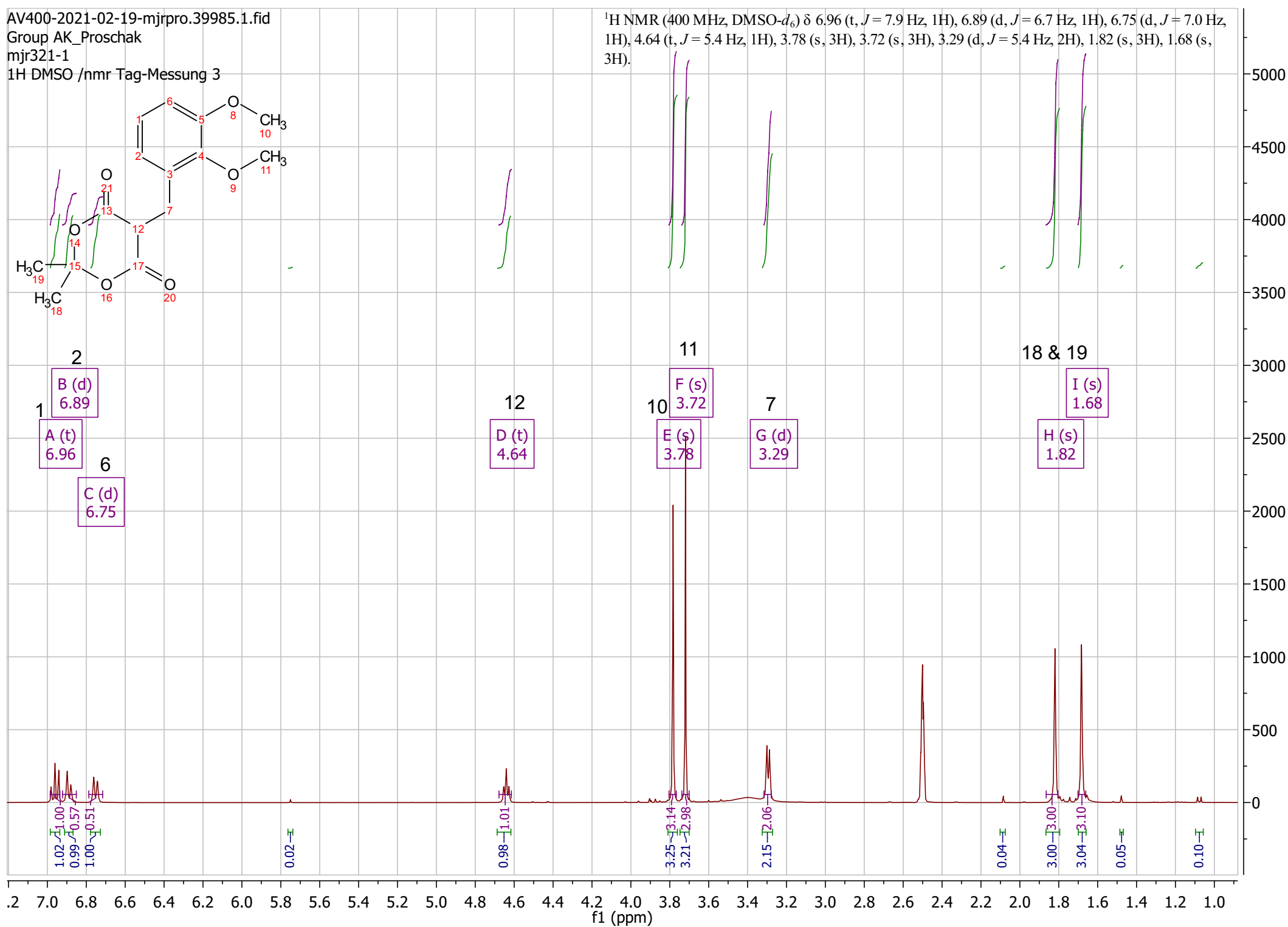


¹H NMR (400 MHz, DMSO-*d*₆) δ 7.32 (d, *J* = 8.1 Hz, 1H), 7.25 (d, *J* = 8.1 Hz, 1H), 7.13 (t, *J* = 8.0 Hz, 1H), 3.85 (s, 3H), 3.79 (s, 3H), 3.31 (s, 1H), 1.77 (s, 6H).



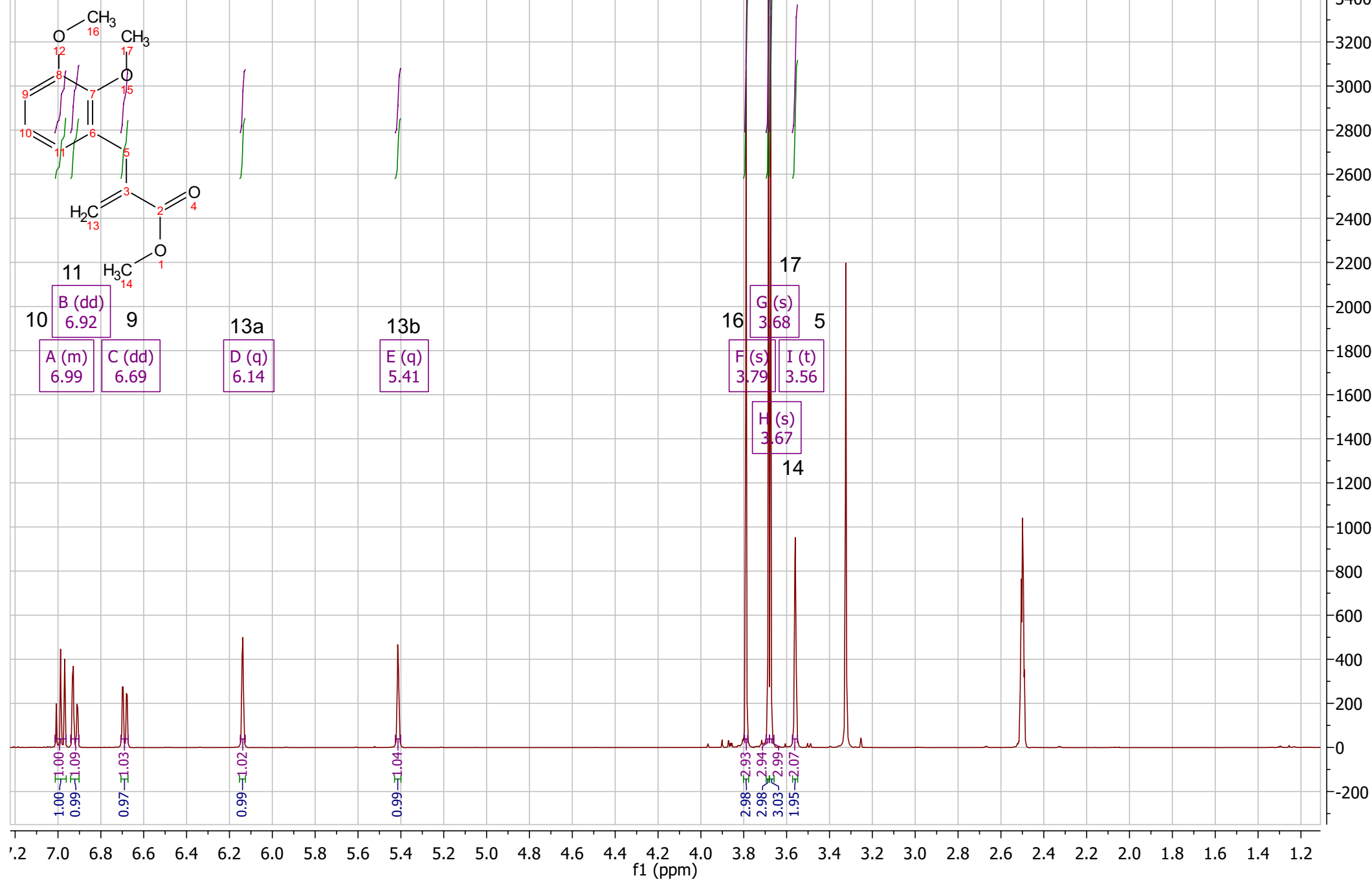


^1H NMR (400 MHz, $\text{DMSO}-d_6$) δ 6.96 (t, $J = 7.9$ Hz, 1H), 6.89 (d, $J = 6.7$ Hz, 1H), 6.75 (d, $J = 7.0$ Hz, 1H), 4.64 (t, $J = 5.4$ Hz, 1H), 3.78 (s, 3H), 3.72 (s, 3H), 3.29 (d, $J = 5.4$ Hz, 2H), 1.82 (s, 3H), 1.68 (s, 3H).



AV400-2021-02-19-mjrpro.39986.1.fid
 Group AK_Proshak
 mjr323-1
 1H DMSO /nmr Tag-Messung 4

¹H NMR (400 MHz, DMSO-*d*₆) δ 7.01 – 6.96 (m, 1H), 6.92 (dd, *J* = 8.2, 1.7 Hz, 1H), 6.69 (dd, *J* = 7.6, 1.6 Hz, 1H), 6.14 (q, *J* = 1.1 Hz, 1H), 5.41 (q, *J* = 1.5 Hz, 1H), 3.79 (s, 3H), 3.68 (s, 3H), 3.67 (s, 3H), 3.56 (t, *J* = 1.2 Hz, 2H).



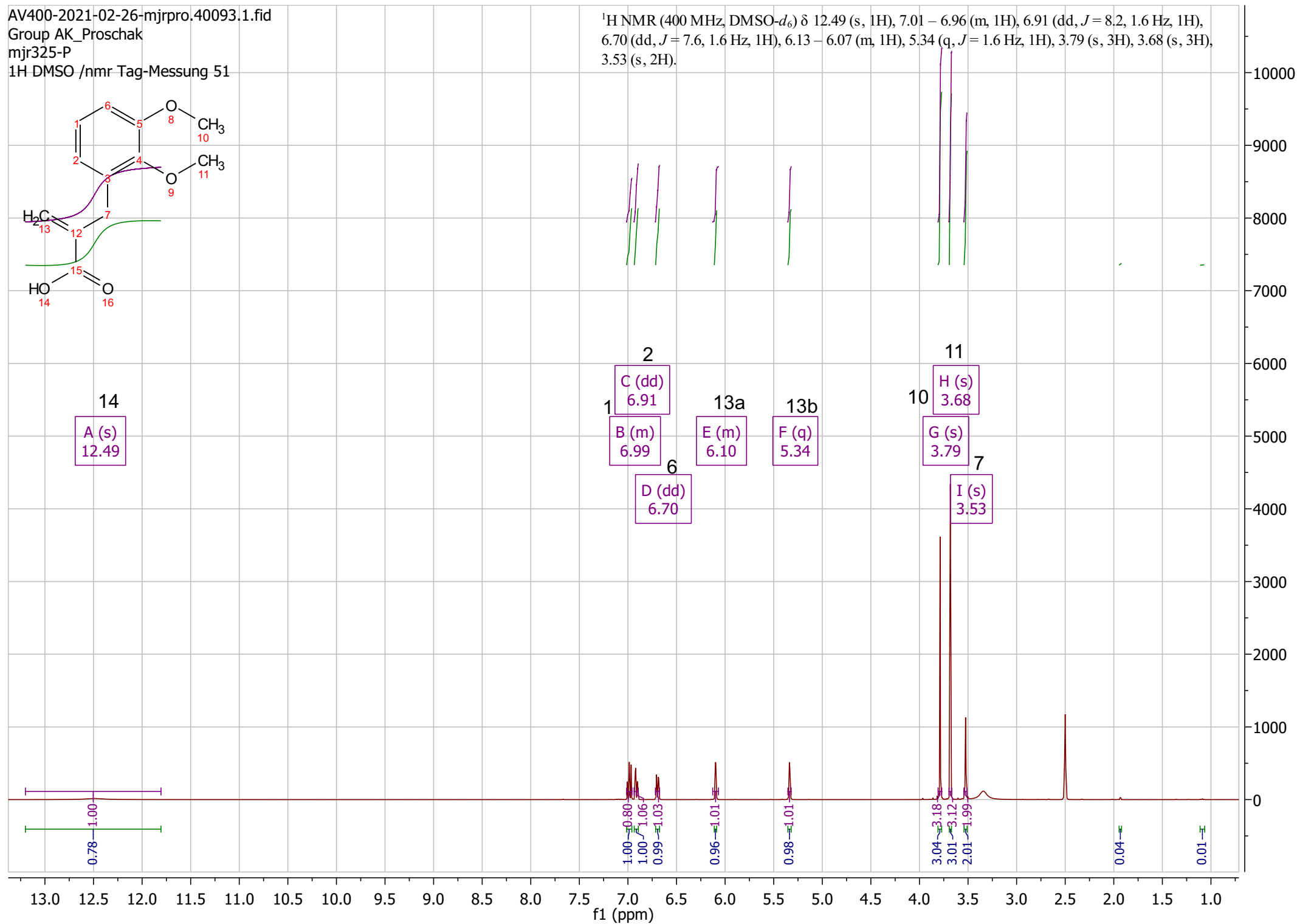
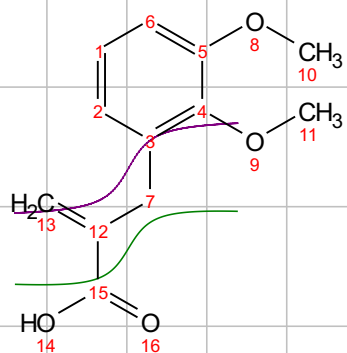
AV400-2021-02-26-mjrpro.40093.1.fid

Group AK_Proshak

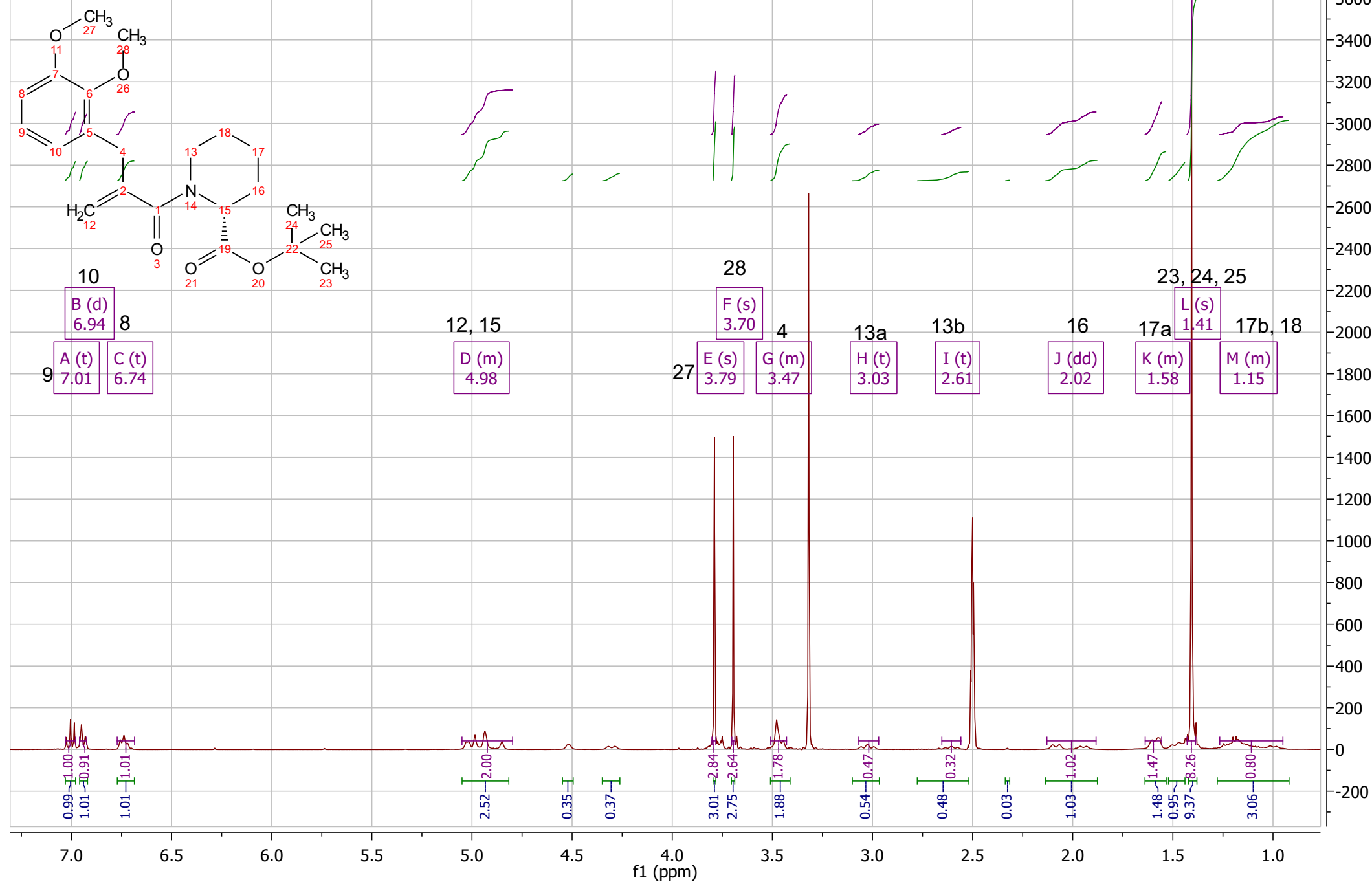
mjr325-P

¹H DMSO /nmr Tag-Messung 51

¹H NMR (400 MHz, DMSO-*d*₆) δ 12.49 (s, 1H), 7.01 – 6.96 (m, 1H), 6.91 (dd, *J* = 8.2, 1.6 Hz, 1H), 6.70 (dd, *J* = 7.6, 1.6 Hz, 1H), 6.13 – 6.07 (m, 1H), 5.34 (q, *J* = 1.6 Hz, 1H), 3.79 (s, 3H), 3.68 (s, 3H), 3.53 (s, 2H).



^1H NMR (400 MHz, $\text{DMSO}-d_6$) δ 7.01 (t, $J = 7.8$ Hz, 1H), 6.94 (d, $J = 8.4$ Hz, 1H), 6.74 (t, $J = 7.8$ Hz, 1H), 5.05 – 4.80 (m, 3H), 3.79 (s, 3H), 3.70 (s, 3H), 3.51 – 3.43 (m, 2H), 3.03 (t, $J = 13.0$ Hz, 1H), 2.61 (t, $J = 12.5$ Hz, 1H), 2.02 (dd, $J = 54.8, 13.2$ Hz, 2H), 1.64 – 1.56 (m, 1H), 1.41 (s, 9H), 1.27 – 0.95 (m, 3H).



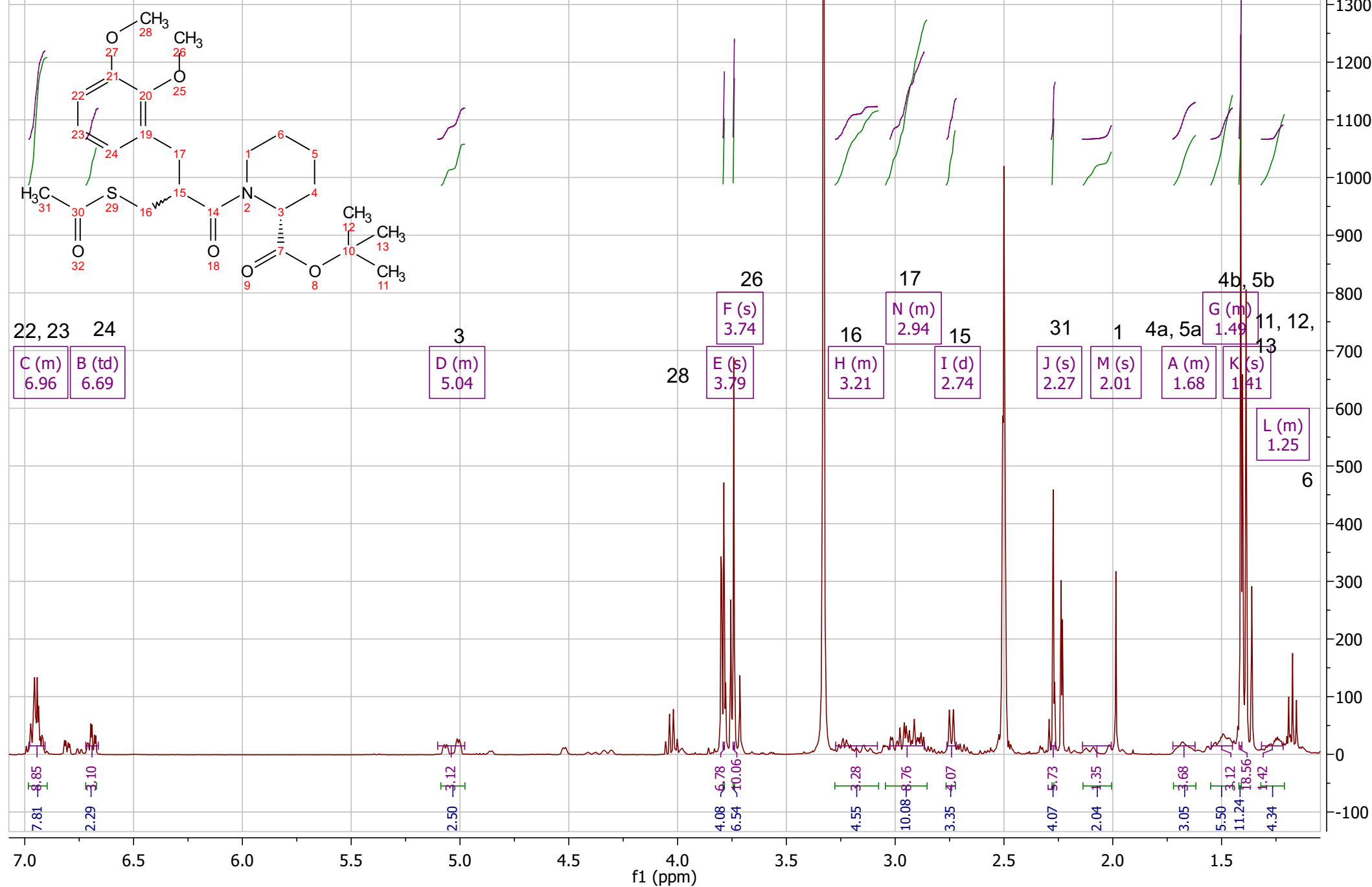
AV400-2021-05-05-mjrpro.40938.1.fid

Group AK_Proshak

mjr328-4

¹H DMSO /nmr Tag-Messung 18

¹H NMR (400 MHz, DMSO-*d*₆) δ 6.98 – 6.91 (m, 2H), 6.69 (td, *J* = 6.7, 2.4 Hz, 1H), 5.10 – 4.98 (m, 1H), 3.79 (s, 3H), 3.74 (s, 3H), 3.27 – 3.08 (m, 2H), 3.02 – 2.87 (m, 2H), 2.74 (d, *J* = 7.4 Hz, 1H), 2.27 (s, 3H), 2.01 (s, 2H), 1.72 – 1.62 (m, 2H), 1.55 – 1.45 (m, 2H), 1.41 (s, 9H), 1.32 – 1.22 (m, 2H).

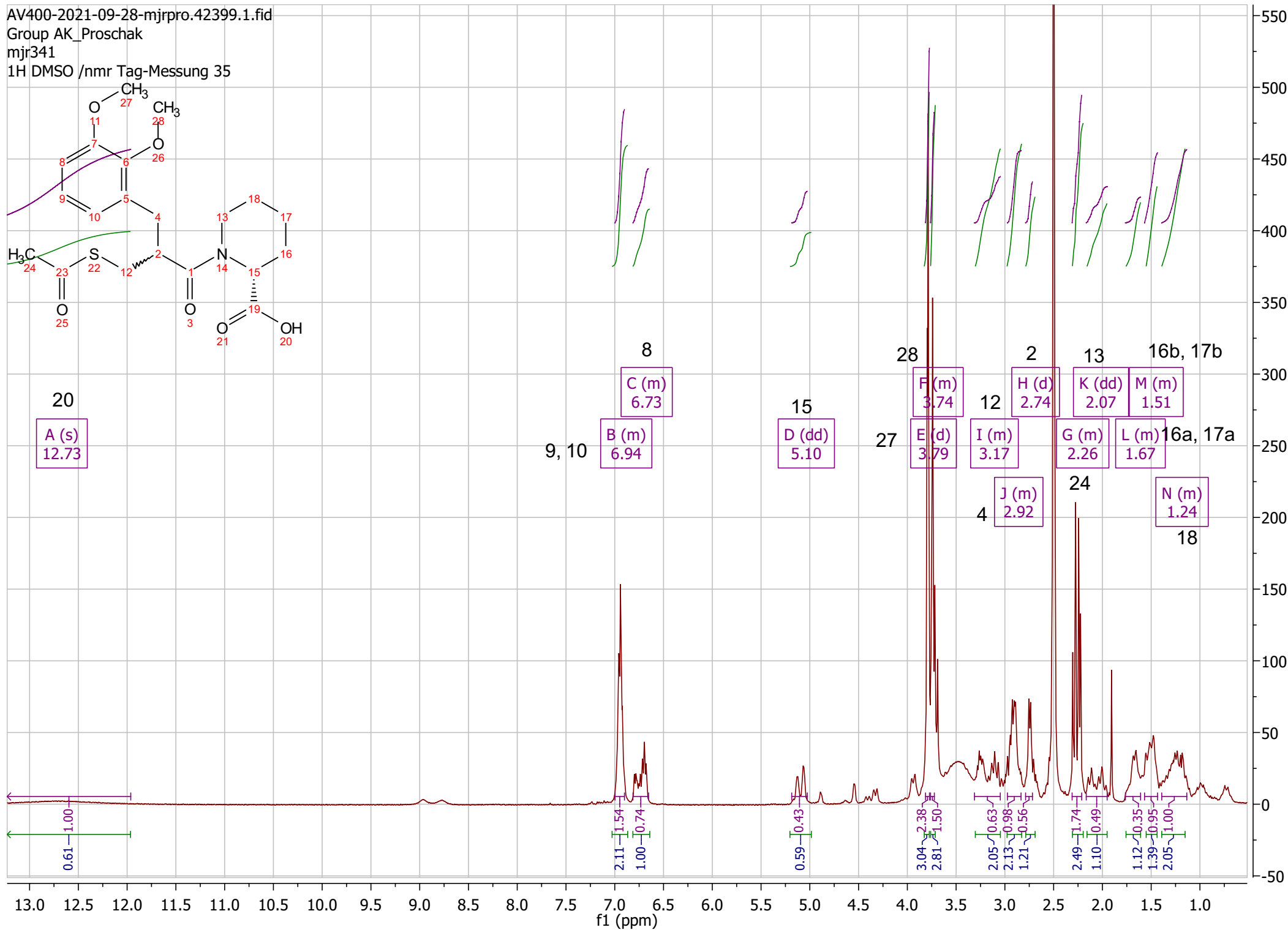
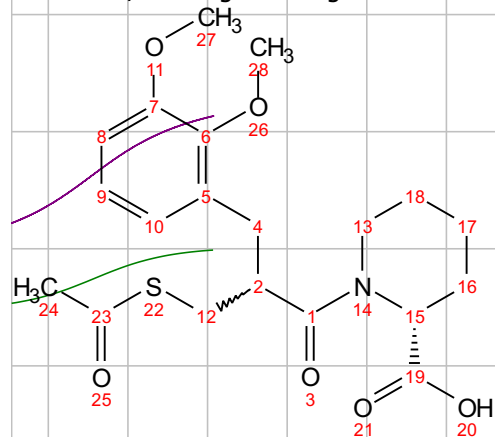


AV400-2021-09-28-mjrpro.42399.1.fid

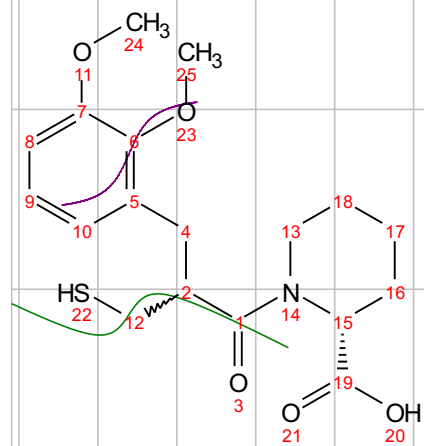
Group AK_Proshak

mjr341

¹H DMSO /nmr Tag-Messung 35



AV500-2021-07-19-mjrpro.37217.1.fid
 Group AK_Proschak
 mjr344-1
 1H DMSO /nmr/Tag-Messung Tag-Messung 57



¹H NMR (500 MHz, DMSO-*d*₆) δ 12.80 (s, 1H), 7.00 – 6.88 (m, 2H), 6.79 – 6.68 (m, 1H), 5.14 (ddd, *J* = 35.7, 6.1, 2.2 Hz, 1H), 4.04 (d, *J* = 13.5 Hz, 1H), 3.79 (d, *J* = 3.2 Hz, 3H), 3.76 – 3.73 (m, 3H), 3.30 – 3.15 (m, 2H), 3.14 – 3.02 (m, 2H), 2.85 (dd, *J* = 13.6, 4.9 Hz, 1H), 2.12 (dd, *J* = 10.1, 6.9 Hz, 2H), 1.71 – 1.61 (m, 2H), 1.53 – 1.45 (m, 2H), 1.32 – 1.23 (m, 2H).

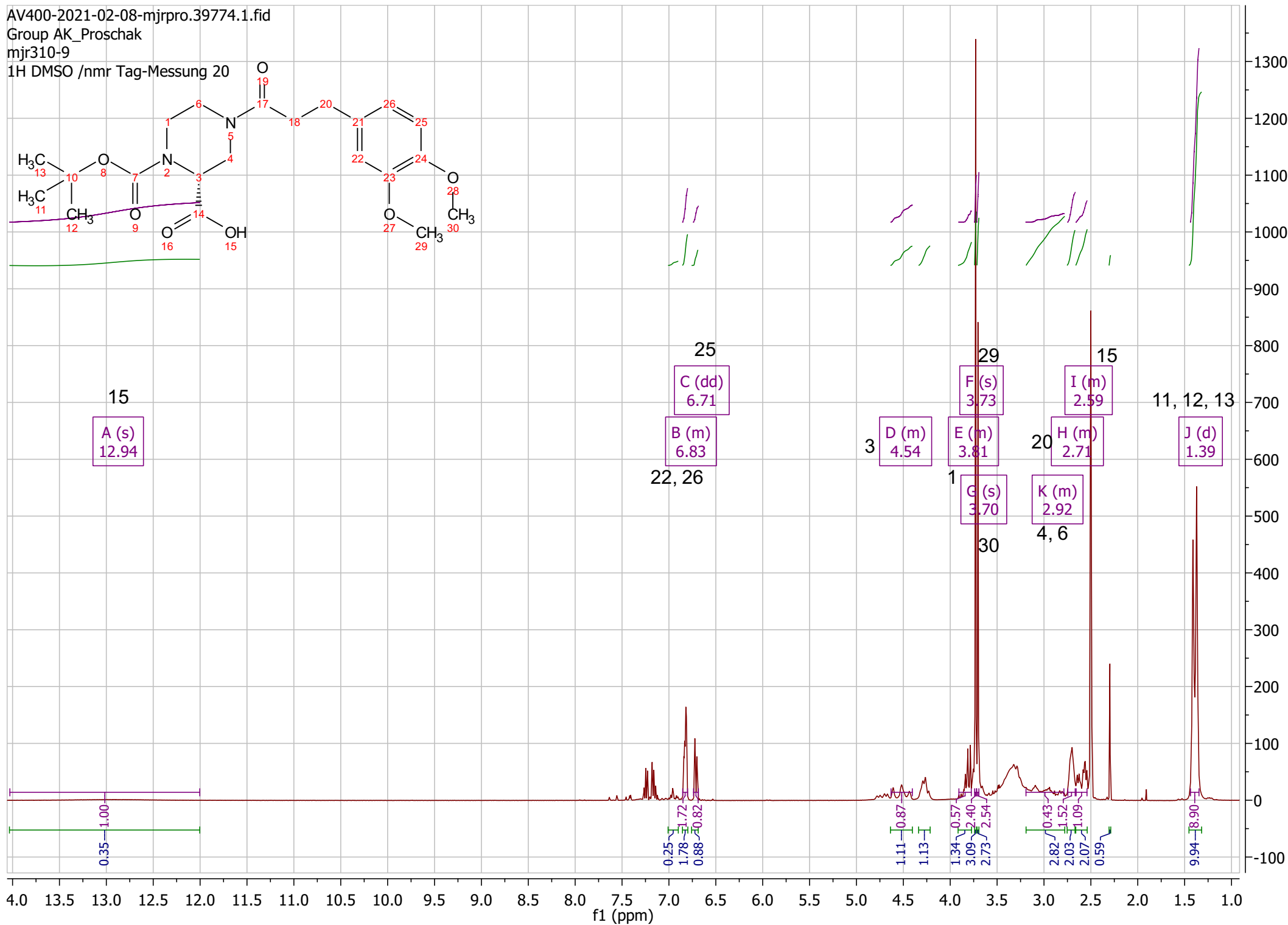
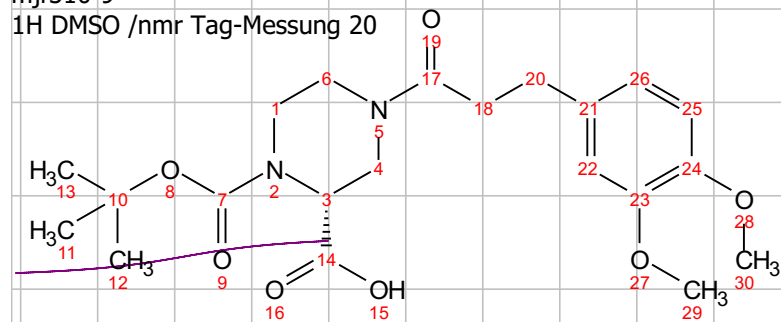


AV400-2021-02-08-mjrpro.39774.1.fid

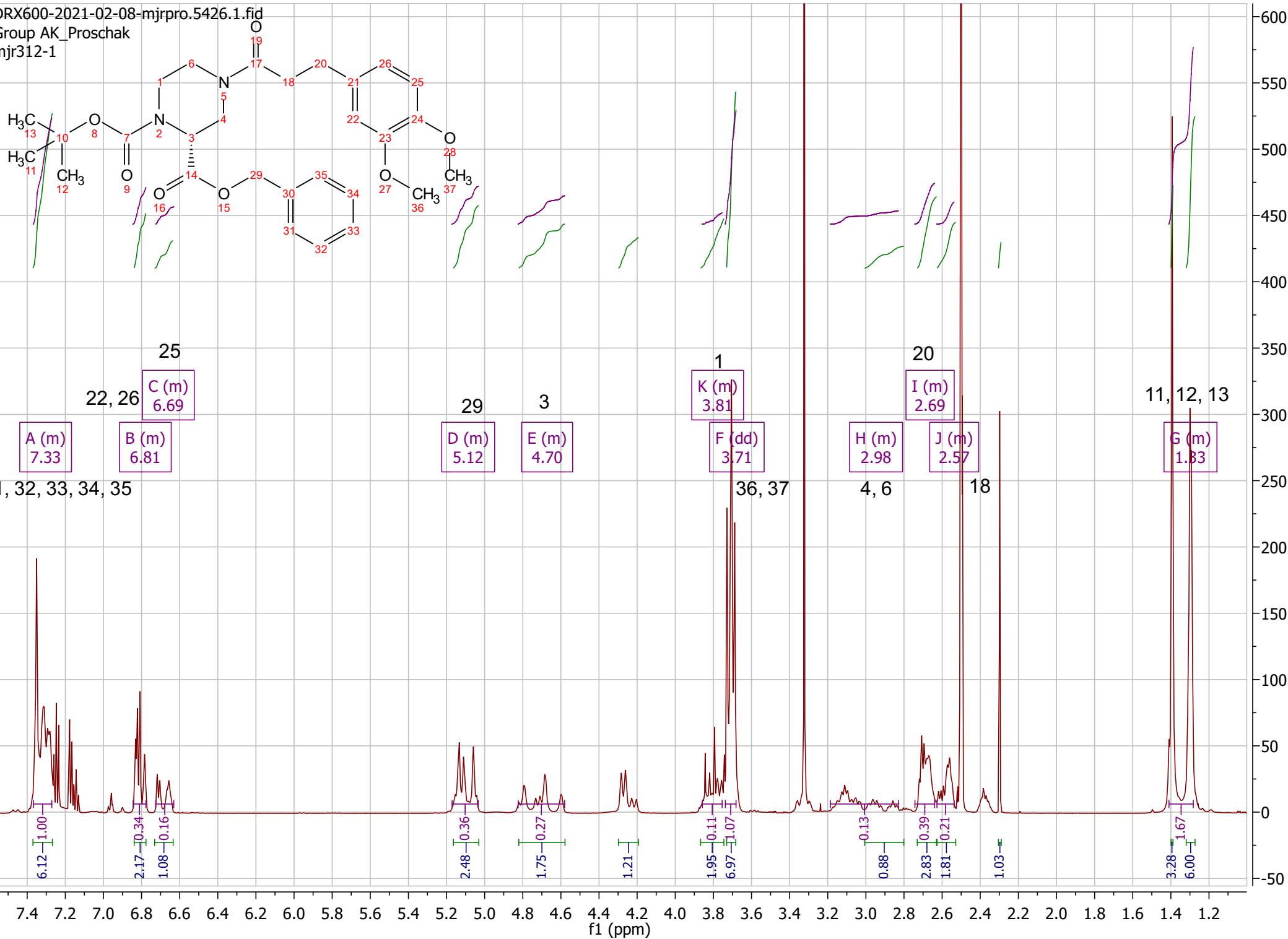
Group AK_Proσχak

mjr310-9

¹H DMSO /nmr Tag-Messung 20



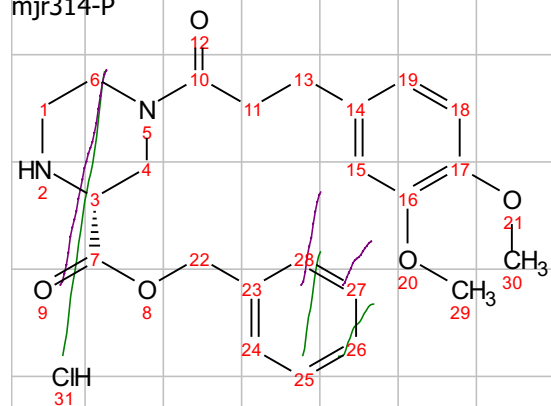
DRX600-2021-02-08-mjrpro.5426.1.fid
Group AK_Proshak
mjr312-1



DRX600-2021-02-08-mjrpro.5427.1.fid

Group AK_Proshak

mjr314-P



24, 25, 26, 27, 28

A (m)
7.40

15, 19

B (m)
6.82

18
C (dd)
6.71

22

D (s)
5.25

3

J (m)
4.38

29, 30

E (m)
3.71

2

H (s)
3.56

1

I (td)
3.25

4, 6

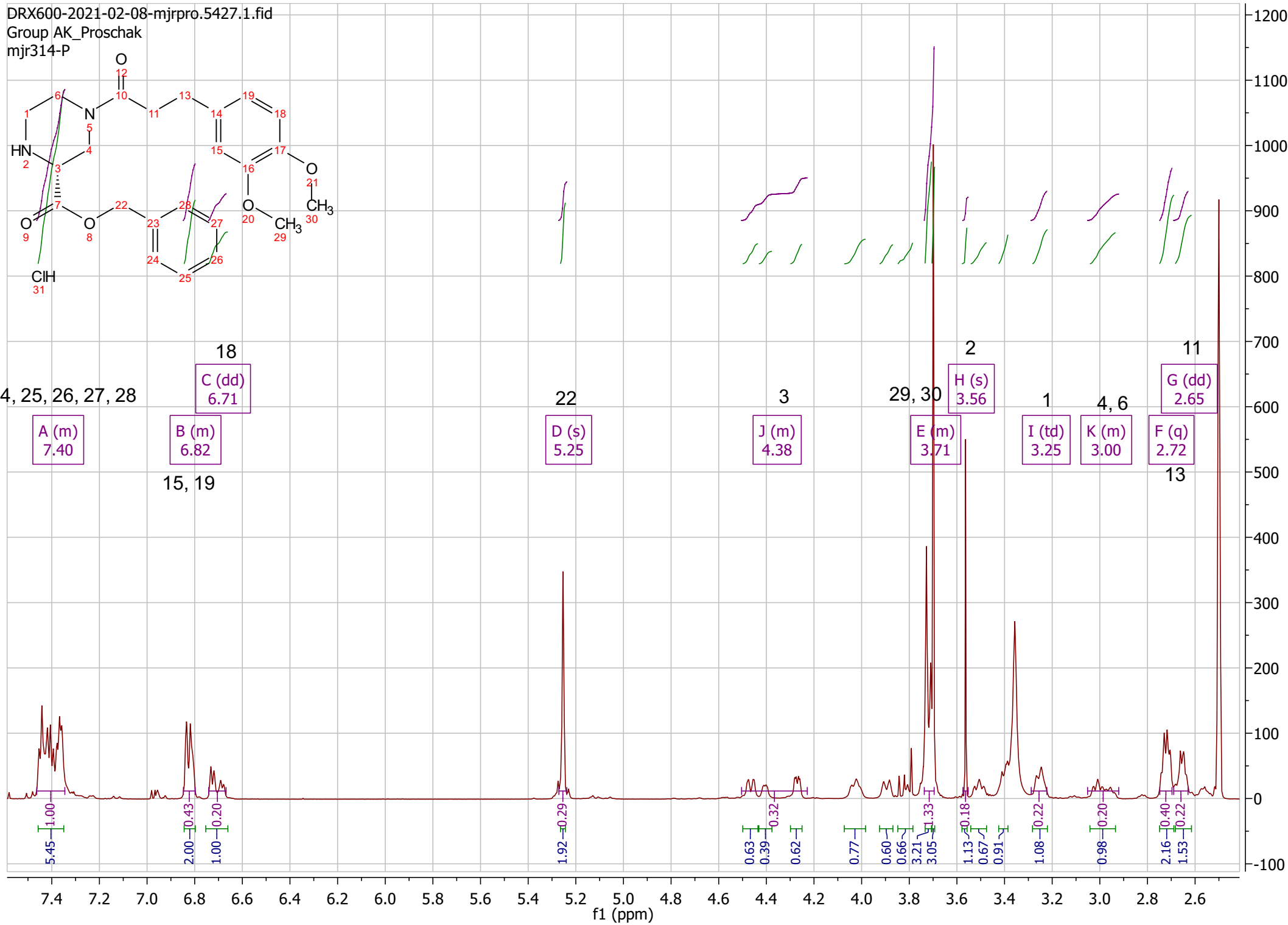
K (m)
3.00

11

G (dd)
2.65

13

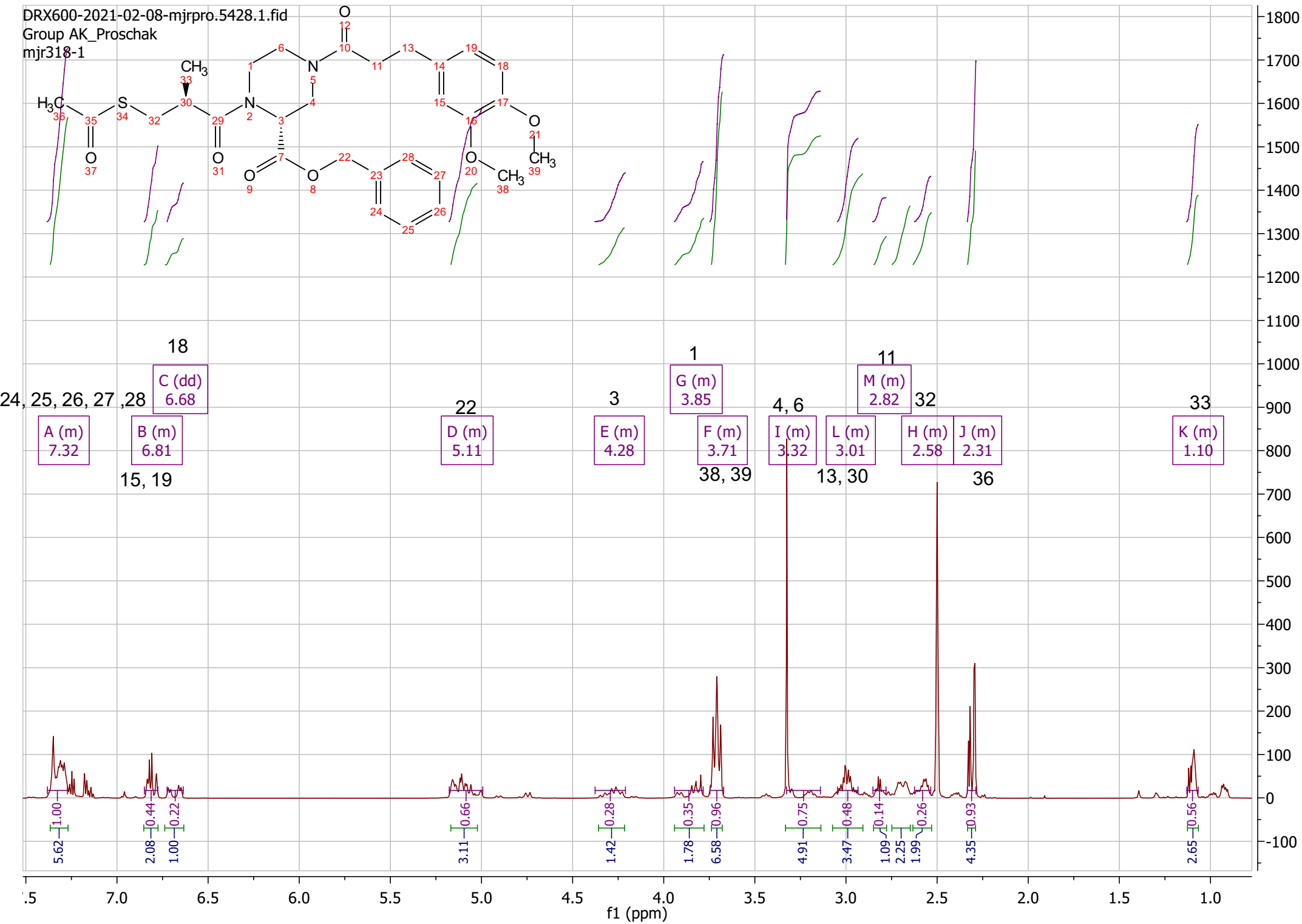
F (q)
2.72



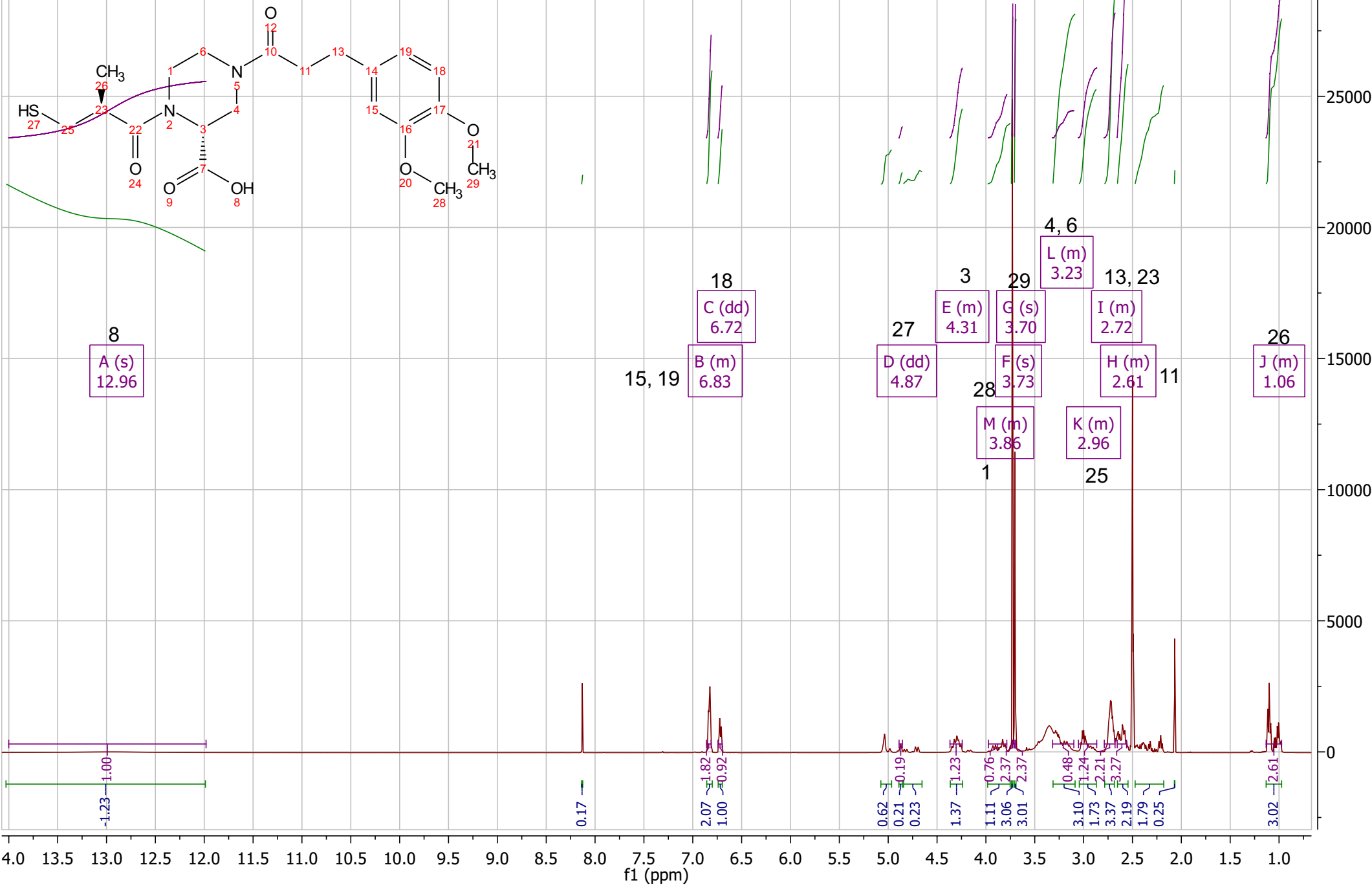
DRX600-2021-02-08-mjrpro.5428.1.fid

Group AK_Proshak

mjr318-1



AV500-2021-05-05-mjrpro.36572.5.fid
Group AK_Proshak
mjr324-1
1H DMSO /nmr/Tag-Messung Tag-Messung 8



^1H NMR (400 MHz, $\text{DMSO}-d_6$) δ 3.24 (dd, $J = 9.7, 3.4$ Hz, 1H), 2.95 (dtd, $J = 12.0, 3.8, 1.3$ Hz, 1H), 2.58 – 2.53 (m, 1H), 2.53 – 2.51 (m, 1H), 1.82 – 1.75 (m, 1H), 1.70 – 1.64 (m, 1H), 1.50 – 1.43 (m, 1H), 1.41 (s, 9H), 1.40 – 1.28 (m, 3H).

