



7.33
7.31
7.29
7.27
7.27

6.27
6.27
6.25
6.24
6.23
6.22
6.22
6.21
6.19
6.19
5.86
5.82

4.23
4.22
4.20
4.19
4.14
4.13
4.11
4.10
3.88
3.87
3.86
3.84
3.83
3.58
3.57
3.56

1.86
1.85

$^1\text{H NMR}$ (400 MHz, Methanol- d_4) δ 7.30 (dd, $J = 15.3, 10.1$ Hz, 1H), 6.32 – 6.14 (m, 2H), 5.84 (d, $J = 15.3$ Hz, 1H), 4.21 (dd, $J = 11.5, 4.4$ Hz, 1H), 4.12 (dd, $J = 11.4, 6.3$ Hz, 1H), 3.91 – 3.80 (m, 1H), 3.57 (dd, $J = 5.6, 2.0$ Hz, 2H), 1.86 (d, $J = 5.9$ Hz, 3H).

A (dd)
7.30

B (m)
6.25

C (d)
5.84

D (dd)
4.21

E (dd)
4.12

F (m)
3.86

G (dd)
3.57

H (d)
1.86

1.00

2.21

1.00

1.24

1.32

1.16

2.28

3.68

8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

f1 (ppm)

900
800
700
600
500
400
300
200
100
0

NE1MAG-13C
NE1MAG

168.93

147.00

141.05

130.97

119.46

71.22

66.52

64.06

18.70

^{13}C NMR (101 MHz, cd_3od) δ 168.93, 147.00, 141.05, 130.97, 119.46, 71.22, 66.52, 64.06, 18.70.



