Task: reassign convert

Input format: %n NMR (%f MHz, %s) δ /%c (%m, \**J* = %j Hz, \*%iH, %a)/, /.

Output format: **%n NMR (%f Megahertz, %s)** δ /%c (%iH, %m, \**J* = %j Hertz, \*%a)/, /.

Spectrum: a

1H NMR (300 MHz, DMSO-*d*6) δ 0.86 (t, *J* = 6.7 Hz, 3H, 88), 1.21 – 1.34 (m, 10H, 83, 84, 85, 86, 87), 1.42 – 1.53 (m, 2H, 82), 1.93 (ddd, *J* = 13.2, 7.5, 6.0 Hz, 1H, 52’), 2.10 (ddd, *J* = 13.2, 6.0, 3.2 Hz, 1H, 52’’), 3.17 – 3.27 (m, 2H, 81), 3.52 (ddd, *J* = 11.8, 5.3, 4.1 Hz, 1H, 55’’), 3.57 (ddd, *J* = 11.8, 5.3, 3.8 Hz, 1H, 55’), 3.76 (ddd, *J* = 4.2, 3.7, 3.3 Hz, 1H, 54), 4.20 (ddt, *J* = 6.0, 4.2, 3.4 Hz, 1H, 53), 4.93 (t, *J* = 5.3 Hz, 1H, 5516), 5.16 (d, *J* = 4.2 Hz, 1H, 5316), 5.73 (d, *J* = 7.5 Hz, 1H, 5), 6.16 (dd, *J* = 7.5, 6.0 Hz, 1H, 51), 7.63 (t, *J* = 5.5 Hz, 1H, 414), 7.71 (d, *J* = 7.5 Hz, 1H, 6).

Spectrum: b

1H NMR (300 MHz, DMSO-*d*6) δ 0.85 (t, *J* = 6.7 Hz, 3H, 1010), 1.20 – 1.31 (m, 14H, 103, 104, 105, 106, 107, 108, 109), 1.41 – 1.53 (m, 2H, 102), 1.93 (ddd, *J* = 13.2, 7.5, 6.0 Hz, 1H, 52’), 2.10 (ddd, *J* = 13.2, 6.0, 3.1 Hz, 1H, 52’’), 3.17 – 3.28 (m, 2H, 101), 3.53 (ddd, *J* = 11.9, 5.3, 4.1 Hz, 1H, 55’’), 3.57 (ddd, *J* = 11.9, 5.3, 3.8 Hz, 1H, 55’), 3.77 (ddd, *J* = 4.2, 3.8, 3.0 Hz, 1H, 54), 4.20 (ddt, *J* = 6.0, 4.2, 3.1 Hz, 1H, 53), 4.94 (t, *J* = 5.3 Hz, 1H, 5516), 5.17 (d, *J* = 4.2 Hz, 1H, 5316), 5.74 (d, *J* = 7.5 Hz, 1H, 5), 6.16 (dd, *J* = 7.5, 5.9 Hz, 1H, 51), 7.64 (t, *J* = 5.5 Hz, 1H, 414), 7.72 (d, *J* = 7.5 Hz, 1H, 6).

Spectrum: c

1H NMR (300 MHz, DMSO-*d*6) δ 0.86 (t, *J* = 6.7 Hz, 3H, 1212), 1.21 – 1.31 (m, 18H, 123, 124, 125, 126, 127, 128, 129, 1210, 1211), 1.42 – 1.52 (m, 2H, 122), 1.93 (ddd, *J* = 13.2, 7.5, 6.1 Hz, 1H, 52’), 2.10 (ddd, *J* = 13.2, 6.0, 3.1 Hz, 1H, 52’’), 3.17 – 3.27 (m, 2H, 121), 3.52 (ddd, *J* = 11.7, 5.3, 4.1 Hz, 1H, 55’’), 3.57 (ddd, *J* = 11.7, 5.3, 3.8 Hz, 1H, 55’), 3.76 (ddd, *J* = 4.2, 3.8, 3.0 Hz, 1H, 54), 4.20 (ddt, *J* = 6.1, 4.2, 3.1 Hz, 1H, 53), 4.93 (t, *J* = 5.3 Hz, 1H, 5516), 5.16 (d, *J* = 4.2 Hz, 1H, 5316), 5.73 (d, *J* = 7.5 Hz, 1H, 5), 6.16 (dd, *J* = 7.5, 5.9 Hz, 1H, 51), 7.63 (t, *J* = 5.4 Hz, 1H, 414), 7.71 (d, *J* = 7.5 Hz, 1H, 6).

Spectrum: d

1H NMR (400 MHz, DMSO-*d*6) δ 0.85 (t, *J* = 6.6 Hz, 3H, 1414), 1.20 – 1.30 (m, 22H, 143, 144, 145, 146, 147, 148, 149, 1410, 1411, 1412, 1413), 1.41 – 1.50 (m, 2H, 142), 1.92 (ddd, *J* = 13.3, 7.2, 6.0 Hz, 1H, 52’), 2.08 (ddd, *J* = 13.2, 6.0, 3.2 Hz, 1H, 52’’), 3.16 – 3.24 (m, 2H, 141), 3.51 (ddd, *J* = 11.7, 5.3, 4.1 Hz, 1H, 55’’), 3.56 (ddd, *J* = 11.7, 5.3, 3.8 Hz, 1H, 55’), 3.75 (ddd, *J* = 4.1, 3.6, 3.0 Hz, 1H, 54), 4.19 (ddt, *J* = 6.0, 4.2, 3.2 Hz, 1H, 53), 4.94 (t, *J* = 5.3 Hz, 1H, 5516), 5.17 (d, *J* = 4.2 Hz, 1H, 5316), 5.73 (d, *J* = 7.5 Hz, 1H, 5), 6.15 (dd, *J* = 7.2, 6.2 Hz, 1H, 51), 7.67 (t, *J* = 5.8 Hz, 1H, 414), 7.71 (d, *J* = 7.4 Hz, 1H, 6).

Spectrum: e

1H NMR (300 MHz, DMSO-*d*6) δ 0.81 (t, *J* = 6.6 Hz, 3H, 66), 1.18 – 1.26 (m, 6H, 63, 64, 65), 1.40 – 1.52 (m, 2H, 62), 1.80 (d, *J* = 1.0 Hz, 3H, 512), 1.91 (ddd, *J* = 13.3, 7.7, 6.0 Hz, 1H, 52’), 2.02 (ddd, *J* = 13.2, 6.0, 3.2 Hz, 1H, 52’’), 3.19 – 3.28 (m, 2H, 61), 3.49 (ddd, *J* = 11.8, 5.3, 3.9 Hz, 1H, 55’’), 3.55 (ddd, *J* = 11.8, 5.3, 3.9 Hz, 1H, 55’), 3.71 (td, *J* = 3.9, 3.1 Hz, 1H, 54), 4.17 (ddt, *J* = 6.0, 4.2, 3.2 Hz, 1H, 53), 4.93 (t, *J* = 5.3 Hz, 1H, 5516), 5.12 (d, *J* = 4.2 Hz, 1H, 5316), 6.14 (dd, *J* = 7.6, 5.9 Hz, 1H, 51), 7.06 (t, *J* = 5.7 Hz, 1H, 414), 7.52 (d, *J* = 1.2 Hz, 1H, 6).

Spectrum: f

1H NMR (400 MHz, DMSO-*d*6) δ 0.84 (t, *J* = 6.8 Hz, 3H, 88), 1.21 – 1.30 (m, 10H, 83, 84, 85, 86, 87), 1.46 – 1.55 (m, 2H, 82), 1.84 (s, 3H, 512), 1.95 (ddd, *J* = 13.3, 7.7, 6.0 Hz, 1H, 52’), 2.06 (ddd, *J* = 13.1, 6.0, 3.2 Hz, 1H, 52’’), 3.25 – 3.31 (m, 2H, 81), 3.54 (ddd, *J* = 12.0, 5.3, 3.9 Hz, 1H, 55’), 3.59 (ddd, *J* = 11.8, 5.5, 3.8 Hz, 1H, 55’’), 3.75 (td, *J* = 3.9, 3.3 Hz, 1H, 54), 4.21 (ddt, *J* = 6.0, 4.3, 3.3 Hz, 1H, 53), 4.96 (t, *J* = 5.3 Hz, 1H, 5516), 5.15 (d, *J* = 4.3 Hz, 1H, 5316), 6.17 (dd, *J* = 7.6, 6.0 Hz, 1H, 51), 7.10 (t, *J* = 5.7 Hz, 1H, 414), 7.56 (s, 1H, 6).

Spectrum: g

1H NMR (400 MHz, DMSO-*d*6) δ 0.84 (t, *J* = 6.8 Hz, 3H, 1010), 1.21 – 1.28 (m, 14H, 103, 104, 105, 106, 107, 108, 109), 1.45 – 1.55 (m, 2H, 102), 1.84 (d, *J* = 1.0 Hz, 3H, 512), 1.95 (ddd, *J* = 13.3, 7.8, 6.1 Hz, 1H, 52’), 2.06 (ddd, *J* = 13.1, 6.0, 3.2 Hz, 1H, 52’’), 3.25 – 3.31 (m, 2H, 101), 3.54 (ddd, *J* = 11.7, 5.3, 4.0 Hz, 1H, 55’), 3.59 (ddd, *J* = 11.7, 5.3, 3.8 Hz, 1H, 55’’), 3.75 (ddd, *J* = 4.2, 3.7, 3.1 Hz, 1H, 54), 4.21 (ddt, *J* = 6.0, 4.2, 3.2 Hz, 1H, 53), 4.96 (t, *J* = 5.3 Hz, 1H, 5516), 5.16 (d, *J* = 4.2 Hz, 1H, 5316), 6.17 (dd, *J* = 7.6, 5.9 Hz, 1H, 51), 7.09 (t, *J* = 5.7 Hz, 1H, 414), 7.56 (d, *J* = 1.2 Hz, 1H, 6).

Spectrum: h

1H NMR (300 MHz, DMSO-*d*6) δ 0.86 (t, *J* = 6.8 Hz, 3H, 1212), 1.23 – 1.28 (m, 18H, 123, 124, 125, 126, 127, 128, 129, 1210, 1211), 1.47 – 1.56 (m, 2H, 122), 1.84 (d, *J* = 1.0 Hz, 3H, 512), 1.95 (ddd, *J* = 13.2, 7.8, 6.0 Hz, 1H, 52’), 2.06 (ddd, *J* = 13.1, 6.0, 3.2 Hz, 1H, 52’’), 3.19 – 3.32 (m, 2H, 121), 3.53 (ddd, *J* = 11.8, 5.3, 4.2 Hz, 1H, 55’’), 3.59 (ddd, *J* = 11.7, 5.3, 3.9 Hz, 1H, 55’), 3.75 (ddd, *J* = 4.1, 3.6, 3.0 Hz, 1H, 54), 4.21 (dddd, *J* = 6.0, 4.2, 3.2, 2.8 Hz, 1H, 53), 4.97 (t, *J* = 5.3 Hz, 1H, 5516), 5.16 (d, *J* = 4.2 Hz, 1H, 5316), 6.18 (dd, *J* = 7.6, 6.0 Hz, 1H, 51), 7.10 (t, *J* = 5.7 Hz, 1H, 414), 7.56 (d, *J* = 1.2 Hz, 1H, 6).

Spectrum: i

1H NMR (400 MHz, DMSO-*d*6) δ 1.84 (d, *J* = 1.1 Hz, 3H, 512), 1.97 (ddd, *J* = 13.2, 7.6, 6.1 Hz, 1H, 52’), 2.08 (ddd, *J* = 13.2, 5.9, 3.3 Hz, 1H, 52’’), 2.84 (dd, *J* = 8.6, 6.5 Hz, 2H, 22), 3.51 – 3.56 (m, 2H, 21), 3.56 – 3.57 (m, 1H, 55’), 3.60 (ddd, *J* = 11.8, 5.3, 4.0 Hz, 1H, 55’’), 3.76 (td, *J* = 3.9, 3.0 Hz, 1H, 54), 4.22 (dddd, *J* = 6.1, 4.3, 3.4, 3.0 Hz, 1H, 53), 4.97 (t, *J* = 5.3 Hz, 1H, 5516), 5.17 (d, *J* = 4.2 Hz, 1H, 5316), 6.20 (dd, *J* = 7.6, 5.9 Hz, 1H, 51), 7.16 – 7.20 (m, 1H, 64), 7.20 – 7.22 (m, 2H, 62, 66), 7.22 – 7.26 (m, 1H, 414), 7.26 – 7.32 (m, 2H, 63, 65), 7.60 (d, *J* = 1.2 Hz, 1H, 6).

Spectrum: j

1H NMR (400 MHz, DMSO-*d*6) δ 1.45 – 1.54 (m, 2H, 43), 1.54 – 1.64 (m, 2H, 42), 1.93 (ddd, *J* = 13.3, 7.6, 6.0 Hz, 1H, 52’), 2.10 (ddd, *J* = 13.2, 6.0, 3.2 Hz, 1H, 52’’), 2.59 (t, *J* = 7.5 Hz, 2H, 44), 3.20 – 3.30 (m, 2H, 41), 3.53 (ddd, *J* = 11.8, 5.2, 4.0 Hz, 1H, 55’’), 3.57 (ddd, *J* = 12.0, 5.2, 4.0 Hz, 1H, 55’), 3.77 (td, *J* = 4.0, 3.0 Hz, 1H, 54), 4.20 (ddt, *J* = 6.0, 4.3, 3.2 Hz, 1H, 53), 4.93 (t, *J* = 5.2 Hz, 1H, 5516), 5.17 (d, *J* = 4.3 Hz, 1H, 5316), 5.73 (d, *J* = 7.5 Hz, 1H, 5), 6.17 (t, *J* = 7.3, 6.2 Hz, 1H, 51), 7.10 – 7.18 (m, 1H, 64), 7.18 – 7.22 (m, 2H, 62, 66), 7.22 – 7.34 (m, 2H, 63, 65), 7.66 (t, *J* = 5.6 Hz, 1H, 414), 7.72 (d, *J* = 7.5 Hz, 1H, 6).

Spectrum: k

1H NMR (300 MHz, DMSO-*d*6) δ 0.86 (t, *J* = 6.7 Hz, 3H, 88), 1.25 – 1.28 (m, 10H, 83, 84, 85, 86, 87), 1.44 – 1.53 (m, 2H, 82), 3.18 – 3.27 (m, 2H, 81), 3.54 (ddd, *J* = 12.1, 5.3, 3.5 Hz, 1H, 55’), 3.66 (ddd, *J* = 12.0, 5.1, 3.1 Hz, 1H, 55’’), 3.82 (ddd, *J* = 4.3, 3.5, 3.0 Hz, 1H, 54), 3.89 – 3.99 (m, 2H, 52, 53), 4.94 (d, *J* = 4.8 Hz, 1H, 5316), 5.01 (t, *J* = 5.2 Hz, 1H, 5516), 5.24 (d, *J* = 4.7 Hz, 1H, 5216), 5.72 (d, *J* = 7.5 Hz, 1H, 5), 5.77 (d, *J* = 3.5 Hz, 1H, 51), 7.65 (t, *J* = 5.5 Hz, 1H, 414), 7.77 (d, *J* = 7.5 Hz, 1H, 6).

Spectrum: l

1H NMR (400 MHz, DMSO-*d*6) δ 0.85 (t, *J* = 6.8 Hz, 3H, 1010), 1.23 – 1.28 (m, 14H, 103, 104, 105, 106, 107, 108, 109), 1.44 – 1.50 (m, 2H, 102), 3.18 – 3.24 (m, 2H, 101), 3.53 (ddd, *J* = 12.1, 5.4, 3.5 Hz, 1H, 55’), 3.64 (ddd, *J* = 12.1, 5.2, 3.1 Hz, 1H, 55’’), 3.80 (ddd, *J* = 4.1, 3.5, 3.0 Hz, 1H, 54), 3.89 – 3.96 (m, 2H, 52, 53), 4.92 (d, *J* = 5.2 Hz, 1H, 5316), 4.99 (t, *J* = 5.2 Hz, 1H, 5516), 5.23 (d, *J* = 5.1 Hz, 1H, 5216), 5.71 (d, *J* = 7.5 Hz, 1H, 5), 5.75 (d, *J* = 3.7 Hz, 1H, 51), 7.63 (t, *J* = 5.5 Hz, 1H, 414), 7.75 (d, *J* = 7.4 Hz, 1H, 6).

Spectrum: m

1H NMR (300 MHz, DMSO-*d*6) δ 1.86 (d, *J* = 1.0 Hz, 3H, 512), 1.97 (ddd, *J* = 13.3, 7.6, 6.0 Hz, 1H, 52’), 2.09 (ddd, *J* = 13.1, 6.0, 3.3 Hz, 1H, 52’’), 3.24 (s, 3H, 327), 3.39 – 3.44 (m, 2H, 321), 3.44 – 3.56 (m, 11H, 322, 323, 324, 325, 326), 3.56 – 3.59 (m, 1H, 55’’), 3.61 (ddd, *J* = 11.8, 5.3, 3.8 Hz, 1H, 55’), 3.77 (ddd, *J* = 4.2, 3.7, 3.0 Hz, 1H, 54), 4.23 (ddt, *J* = 6.0, 4.3, 3.3 Hz, 1H, 53), 4.97 (t, *J* = 5.3 Hz, 1H, 5516), 5.16 (d, *J* = 4.3 Hz, 1H, 5316), 6.19 (dd, *J* = 7.5, 6.0 Hz, 1H, 51), 7.11 (t, *J* = 5.3 Hz, 1H, 414), 7.61 (d, *J* = 1.1 Hz, 1H, 6).

Spectrum: n

1H NMR (400 MHz, DMSO-*d*6) δ 0.85 (t, *J* = 6.8 Hz, 3H, 1010), 1.23 – 1.29 (m, 14H, 103, 104, 105, 106, 107, 108, 109), 1.46 – 1.56 (m, 2H, 102), 1.84 (d, *J* = 1.1 Hz, 3H, 512), 2.19 (ddd, *J* = 14.2, 8.8, 5.9 Hz, 1H, 52’), 2.28 (ddd, *J* = 14.0, 5.7, 1.8 Hz, 1H, 52’’), 3.25 – 3.29 (m, 2H, 101), 3.40 – 3.65 (m, 12H, 55, 62, 63, 64, 65, 66), 4.02 (td, *J* = 3.6, 1.8 Hz, 1H, 54), 4.20 – 4.25 (m, 2H, 61), 4.54 (t, *J* = 5.5 Hz, 1H, 616), 5.13 (dt, *J* = 5.9, 1.8 Hz, 1H, 53), 5.15 (t, *J* = 5.3 Hz, 1H, 5516), 6.17 (dd, *J* = 8.8, 5.6 Hz, 1H, 51), 7.14 (t, *J* = 5.7 Hz, 1H, 414), 7.54 – 7.58 (m, 1H, 6).

Spectrum: o

1H NMR (300 MHz, DMSO-*d*6) δ 0.85 (t, *J* = 6.6 Hz, 3H, 1212), 1.21 – 1.30 (m, 18H, 123, 124, 125, 126, 127, 128, 129, 1210, 1211), 1.46 – 1.57 (m, 2H, 122), 1.86 (s, 3H, 512), 2.20 (ddd, *J* = 14.1, 8.8, 5.8 Hz, 1H, 52’), 2.30 (ddd, *J* = 14.1, 5.8, 1.8 Hz, 1H, 52’’), 3.26 – 3.33 (m, 2H, 121), 3.40 – 3.66 (m, 12H, 55, 62, 63, 64, 65, 66), 4.04 (td, *J* = 3.6, 1.8 Hz, 1H, 54), 4.18 – 4.27 (m, 2H, 61), 4.55 (t, *J* = 5.4 Hz, 1H, 616), 5.15 (dt, *J* = 5.8, 1.8 Hz, 1H, 53), 5.19 (t, *J* = 5.4 Hz, 1H, 5516), 6.19 (dd, *J* = 8.8, 5.6 Hz, 1H, 51), 7.19 (t, *J* = 5.6 Hz, 1H, 414), 7.59 (s, 1H, 6).

Spectrum: 7

1H NMR (400 MHz, Chloroform-*d*) δ 0.05 (s, 6H, 281211, 281222), 0.12 (s, 6H, 28121, 28122), 0.88 (s, 9H, 28411, 28422, 28433), 0.92 (s, 9H, 2841, 2842, 2843), 1.91 (s, 3H, 512), 2.10 (ddd, *J* = 14.0, 8.8, 6.3 Hz, 1H, 52’), 2.49 (ddd, *J* = 13.9, 5.4, 1.2 Hz, 1H, 52’’), 3.54 (t, *J* = 5.4 Hz, 2H, 65), 3.65 (s, 4H, 63, 64), 3.74 (m, 4H, 62, 66), 3.89 (m, 1H, 55’’), 3.92 (m, 1H, 55’), 4.18 (m, 1H, 54), 4.29 (m, 2H, 61), 5.15 (m, 1H, 53), 6.34 (dd, *J* = 9.2, 5.3 Hz, 1H, 51), 7.50 (s, 1H, 6), 10.79 (q, *J* = 1.3, 0.9 Hz, 1H, 3).

Assignments: \*

5 = 5-H

6 = 6-H

5216 = 2′-OH

21 = -NH-CH2-

22 = -NH-CH2-CH2-

321 = -NH-CH2-

322, 323, 324, 325, 326 = NH-CH2-CH2-O-CH2-CH2-O-CH2-CH2-O-

327 = -O-CH3

41 = -NH-CH2-

42 = -NH-CH2-CH2-

43 = -CH2-CH2-C6H5

44 = -CH2-C6H5

51 = 1′-H

512 = 5-CH3

52, 53 = 2′-H + 3′-H

52’ = 2′-Ha

52’’ = 2′-Hb

53 = 3′-H

54 = 4′-H

55, 62, 63, 64, 65, 66 = 5′-СН2 + -CH2OC2H4OC2H4OH

55’ = 5′-Ha

55’’ = 5′-Hb

5316 = 3′-OH

5516 = 5′-OH

414 = N4-H

61 = -NH-CH2-

616 = -CH2-CH2-OH

62 = -NH-CH2-CH2-

63, 64, 65 = -NH-(CH2)2-(CH2)3-

66 = -CH2-CH3

81 = -NH-CH2-

82 = -NH-CH2-CH2-

83, 84, 85, 86, 87 = -NH-(CH2)2-(CH2)5-

88 = -CH2-CH3

101 = -NH-CH2-

102 = -NH-CH2-CH2-

103, 104, 105, 106, 107, 108, 109 = -NH-(CH2)2-(CH2)7-

1010 = -CH2-CH3

141 = -NH-CH2-

142 = -NH-CH2-CH2-

143, 144, 145, 146, 147, 148, 149, 1410, 1411, 1412, 1413 = -NH-(CH2)2-(CH2)11-

1414 = -CH2-CH3

121 = -NH-CH2-

122 = -NH-CH2-CH2-

123, 124, 125, 126, 127, 128, 129, 1210, 1211 = -NH-(CH2)2-(CH2)9-

1212 = -CH2-CH3

Assignments: i

62, 66 = -*o*-CH-

63, 65 = -*m*-CH-

64 = -*p*-CH-

Assignments: j

62, 66 = -*o*-CH-

63, 65 = -*m*-CH-

64 = -*p*-CH-

Assignments: n

61 = -CO3-CH2-

Assignments: o

61 = -CO3-CH2-

Assignments: p

281211, 281222 = (CH3)2((CH3)3C)Si-O-CH2-CH2-

28121, 28122 = 5′-OSi(C(CH3)3)(CH3)2

28411, 28422, 28433 = (CH3)2((CH3)3C)Si-O-CH2-CH2-

2841, 2842, 2843 = 5′-OSi(C(CH3)3)(CH3)2

65 = (CH3)2((CH3)3C)Si-O-CH2-CH2-

63, 64 = -CH2-O-CH2-CH2-O-CH2-

62, 66 = -CO3-CH2-CH2- + (CH3)2((CH3)3C)Si-O-CH2-CH2-

61 = -CO3-CH2-

3 = 3-NH