A-1: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.19 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.7 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 3.98 (s, 3H), 1.91 − 1.78 (m, 2H), 1.57 − 1.47 (m, 2H), 1.43 − 1.26 (m, 10H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 72.22%, H 7.91%, N 7.33%. Found: C 72.13% (Δ 0.09), H 7.79% (Δ 0.12), N 7.19% (Δ 0.13).

A-2: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.7 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.44 (q, J = 7.1 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.82 (m, 2H), 1.55 − 1.26 (m, 15H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 72.70%, H 8.13%, N 7.06%. Found: C 72.55% (Δ 0.15), H 8.02% (Δ 0.11), N 6.92% (Δ 0.13).

A-3: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.7 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.34 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.90 − 1.81 (m, 4H), 1.51 (dt, J = 15.3, 7.1 Hz, 2H), 1.44 − 1.25 (m, 10H), 1.08 (t, J = 7.4 Hz, 3H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 73.14%, H 8.35%, N 6.82%. Found: C 72.95% (Δ 0.19), H 8.64% (Δ 0.29), N 6.76% (Δ 0.06).

A-4: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.7 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.38 (t, J = 6.6 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.89 − 1.76 (m, 4H), 1.58 − 1.46 (m, 4H), 1.43 − 1.29 (m, 10H), 1.03 (t, J = 7.4 Hz, 3H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 73.55%, H 8.55%, N 6.60%. Found: C 73.45% (Δ 0.10), H 8.47% (Δ 0.08), N 6.51% (Δ 0.09).

A-5: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.6 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.89 − 1.78 (m, 4H), 1.55 − 1.30 (m, 16H), 0.97 (t, J = 7.1 Hz, 3H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 73.94%, H 8.73%, N 6.39%. Found: C 74.00% (Δ 0.06), H 8.43% (Δ 0.30), N 7.28% (Δ 0.11).

A-6: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.6 Hz, 1H), 7.98 (d, J = 9.0 Hz, 1H), 7.94 (d, J = 8.6 Hz, 1H), 7.04 (d, J = 9.0 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.78 (m, 2H), 1.55 − 1.28 (m, 18H), 0.97 − 0.89 (m, 3H). EA analysis: Calc.: C 74.30%, H 8.91%, N 6.19%. Found: C 74.24% (Δ 0.06), H 9.02% (Δ 0.11), N 6.08% (Δ 0.11).

A-7: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.5 Hz, 2H), 7.98 (d, J = 8.9 Hz, 2H), 7.94 (d, J = 8.5 Hz, 2H), 7.04 (d, J = 8.9 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.90 − 1.77 (m, 4H), 1.52 − 1.30 (m, 20H), 0.92 (m, 6H). EA analysis: Calc.: C 74.64%, H 9.07%, 6.00%. Found: C 74.91% (Δ 0.27), H 9.23% (Δ 0.16), N 5.92% (Δ 0.08).

A-8: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 7.6 Hz, 2H), 7.97 (d, J = 7.5 Hz, 4H), 7.04 (d, J = 7.7 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.77 (m, 4H), 1.55 − 1.31 (m, 22H), 0.92 (m, 6H). EA analysis: Calc.: C 74.96%, H 9.23%, N 5.83%. Found: C 75.24% (Δ 0.28), H 9.26% (Δ 0.03), 5.72% (Δ 0.11).

A-9: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.19 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.7 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.78 (m, 4H), 1.51 − 1.30 (m, 24H), 0.92 (m, 6H). EA analysis: Calc.: C 75.26%, H 9.37%, N 5.66%. Found: C 75.18% (Δ 0.08), H 9.07% (Δ 0.30), N 5.55% (Δ 0.11).

A-10: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.6 Hz, 2H), 7.97 (d, J = 8.9 Hz, 2H), 7.93 (d, J = 8.6 Hz, 2H), 7.04 (d, J = 8.9 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.91 − 1.77 (m, 4H), 1.56 −

1.25 (m, 26H), 0.92 (m, 6H). EA analysis: Calc.: C 75.55%, H 9.51%, N 5.51%. Found: C 75.31% (Δ 0.24), H 9.76% (Δ 0.25), N 5.43% (Δ 0.08).

A-11: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.10 (d, J = 8.4 Hz, 2H), 7.89 (d, J = 8.8 Hz, 2H), 7.84 (d, J = 8.5 Hz, 2H), 6.94 (d, J = 8.7 Hz, 2H), 4.27 (t, J = 6.7 Hz, 2H), 3.98 (t, J = 6.6 Hz, 2H), 1.80 − 1.68 (m, 4H), 1.42 − 1.19 (m, 28H), 0.85 − 0.78 (m, 6H). EA analysis: Calc.: C 75.82%, H 9.64%, N 5.36%. Found: C 75.70% (Δ 0.12), H 9.68% (Δ 0.04), N 5.24% (Δ 0.12).

A-12: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 9.0 Hz, 2H), 7.93 (d, J = 8.7 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.77 (m, 4H), 1.54 − 1.24 (m, 30H), 0.95 − 0.88 (m, 6H). EA analysis: Calc.: C 76.08%, H 9.76%, N 5.22%. Found: C 76.36% (Δ 0.28), H 10.05% (Δ 0.29), N 5.15% (Δ 0.07).

A-13: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.6 Hz, 2H), 7.98 (d, J = 8.9 Hz, 2H), 7.94 (d, J = 8.6 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.90 − 1.77 (m, 4H), 1.55 − 1.21 (m, 32H), 0.95 − 0.87 (m, 6H). EA analysis: Calc.: C 76.32%, H 9.88%, N 5.09%. Found: C 76.30% (Δ 0.02), H 10.00% (Δ 0.12), N 5.02% (Δ 0.07).

A-14: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.97 (d, J = 8.9 Hz, 2H) 7.95 (d, 8.8 Hz, 2H), 7.04 (d, J = 9.0 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.78 (m, 4H), 1.55 − 1.23 (m, 34H), 0.91-0.89 (m, 6H). EA analysis: Calc.: C 76.55%, H 9.99%, N 4.96%. Found: C 76.60% (Δ 0.05), H 9.75% (Δ 0.24), N 4.75% (Δ 0.21).

A-15: ^{1}H NMR (600 MHz, CDCl$_3$) δ 8.20 (d, J = 8.7 Hz, 2H), 7.98 (d, 8.9 Hz, 2H), 7.94 (d, 8.7 Hz, 2H), 7.06 (d, J = 9.1 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.09 (t, J = 6.6 Hz, 2H), 1.85-1.80 (m, 4H), 1.55 − 1.25 (m, 36H), 0.95 − 0.90 (m, 6H. EA analysis: Calc.: C 76.77%, H 10.10%, N 4.84%. Found: C 76.87% (Δ 0.10), H 10.25% (Δ 0.15), N 4.65% (Δ 0.19).

A-16: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.0 Hz, 2H), 7.96 (d, J = 8.2 Hz, 4H), 7.04 (d, J = 8.1 Hz, 2H), 4.37 (t, J = 6.6 Hz, 2H), 4.08 (t, J = 6.5 Hz, 2H), 1.91 − 1.77 (m, 4H), 1.52 − 1.28 (m, 38H), 0.91-0.87 (m, 6H). EA analysis: Calc.: C 76.98%, H 10.20%, N 4.72%. Found: C 76.70% (Δ 0.28), H 9.94% (Δ 0.26), N 4.50% (Δ 0.22).

A-17: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.20 (d, J = 8.5 Hz, 2H), 7.96 (d, J = 8.7 Hz, 4H), 7.04 (d, J = 8.8 Hz, 2H), 4.37 (t, J = 6.7 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.89 − 1.78 (m, 4H), 1.55 − 1.28 (m, 40H), 0.91-0.84 (m, 6H). EA analysis: Calc.: C 77.18%, H 10.30%, N 4.62%. Found: C 77.01% (Δ 0.17), H 10.17% (Δ 0.13), N 4.76% (Δ 0.14).

A-18: ^{1}H NMR (500 MHz, CDCl$_3$) δ 8.10 (d, J = 7.8 Hz, 2H), 7.86 (d, J = 8.1 Hz, 4H), 6.94 (d, J = 7.9 Hz, 2H), 4.27 (t, J = 6.7 Hz, 2H), 3.98 (t, J = 6.6 Hz, 2H), 1.82 − 1.68 (m, 4H), 1.46 − 1.18 (m, 42H), 0.87-0.81 (m, 6H). EA analysis: Calc.: C 77.37%, H 10.39%, N 4.51%. Found: C 77.34% (Δ 0.03), H 10.42% (Δ 0.02), N 4.41% (Δ 0.10).

B-2: EA analysis: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.96 (d, J = 7.9 Hz, 4H), 7.26 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.90 − 1.80 (m, 2H), 1.55 − 1.26 (m, 15H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 72.22%, H 7.91%, N 7.33%. Found: C 72.24% (Δ 0.02), H 8.13% (Δ 0.22), N 7.21% (Δ 0.12).

B-3: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 7.6 Hz, 4H), 7.26 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.91 − 1.80 (m, 2H), 1.54 − 1.30 (m, 17H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 72.70%, H 8.13%, N 7.06%. Found: C 72.51% (Δ 0.19), H 8.24% (Δ 0.11), N 6.95% (Δ 0.11).

B-4: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 8.9 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.90 − 1.80 (m, 4H), 1.54 − 1.25 (m, 14H), 1.09 (t, J = 7.4 Hz, 3H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 73.14%, H 8.35%, N 6.82%. Found: C 72.96% (Δ 0.18), H 8.65% (Δ 0.30), N 6.82% (Δ 0.00).

B-5: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 8.9 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.90 − 1.74 (m, 4H), 1.54 − 1.26 (m, 16H), 1.01 (t, J = 7.4 Hz, 3H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 73.55%, H 8.55%, N 6.60%. Found: C 73.45% (Δ 0.10), H 8.25% (Δ 0.30), N 6.59% (Δ 0.01).

B-6: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 8.5 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.88 − 1.78 (m, 4H), 1.54 − 1.27 (m, 18H), 0.97 (t, J = 7.1 Hz, 3H), 0.92 (t, J = 7.0 Hz, 3H). EA analysis: Calc.: C 73.94%, H 8.73%, N 6.39%. Found: C 73.84% (Δ 0.10), H 8.68% (Δ 0.05), N 6.31% (Δ 0.08).

B-7: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.96 (d, J = 8.9 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.88 − 1.75 (m, 4H), 1.54 − 1.30 (m, 20H), 0.98 − 0.90 (m, 6H). EA analysis: Calc.: C 74.30%, H 8.91%, N 6.19%. Found: C 73.28% (Δ 0.02), H 9.10% (Δ 0.19), N 6.14% (Δ 0.06).

B-8: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.96 (d, J = 8.3 Hz, 4H), 7.25 (d, J = 8.8 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.90 − 1.75 (m, 4H), 1.57 − 1.27 (m, 22H), 0.97 − 0.89 (m, 6H). EA analysis: Calc.: C 74.64%, H 9.07%, N 6.00%. Found: C 74.77% (Δ 0.13), H 8.78% (Δ 0.29), N 5.95% (Δ 0.05).

B-9: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.96 (d, J = 8.7 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.91 − 1.73 (m, 4H), 1.57 − 1.26 (m, 24H), 0.97 − 0.82 (m, 6H). EA analysis: Calc.: C 74.96%, H 9.23%, N 5.83%. Found: C 74.92% (Δ 0.04), H 9.41% (Δ 0.18), N 5.74% (Δ 0.09).

B-10: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.96 (d, J = 8.8 Hz, 4H), 7.25 (d, J = 8.9 Hz, 4H), 7.03 (d, J = 9.0 Hz, 4H), 4.07 (t, J = 6.6 Hz, 4H), 1.91 − 1.73 (m, 4H), 1.54 − 1.25 (m, 26H), 0.96 − 0.85 (m, 6H). EA analysis: Calc.: C 75.26%, H 9.37%, N 5.66%. Found: C 75.12% (Δ 0.14), H 9.67% (Δ 0.30), N 5.52% (Δ 0.14).

B-11: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.94 (d, J = 8.7 Hz, 4H), 7.24 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.90 − 1.74 (m, 4H), 1.56 − 1.15 (m, 28H), 0.96 − 0.87 (m, 6H). EA analysis: Calc.: C 75.55%, H 9.51%, N 5.51%. Found: C 75.60% (Δ 0.05), H 9.31% (Δ 0.20), N 5.42% (Δ 0.09).

B-12: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 8.8 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.90 − 1.78 (m, 4H), 1.54 − 1.26 (m, 30H), 0.96-0.87 (m, 6H). EA analysis: Calc.: C 75.82%, H 9.64%, N 5.36%. Found: C 75.59% (Δ 0.22), H 9.42% (Δ 0.22), N 5.25% (Δ 0.11).

B-14: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.97 (d, J = 8.9, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.91 − 1.63 (m, 4H), 1.53 − 1.23 (m, 34H), 0.97-0.82 (m, 6H). EA analysis: Calc.: C 75.26%, H 9.37%, N 5.66%. Found: C 75.12% (Δ 0.14), H 9.67% (Δ 0.30), N 5.52% (Δ 0.14).

B-16: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 8.9 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.90 − 1.75 (m, 4H), 1.58 − 1.24 (m, 38H), 0.98-0.90 (m, 6H). EA analysis: Calc.: C 76.77%, H 10.10%, N 4.84%. Found: C 76.78% (Δ 0.01), H 10.16% (Δ 0.06), N 4.72% (Δ 0.12).

B-17: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.97 (d, J = 8.9 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.92 − 1.73 (m, 4H), 1.57 − 1.25 (m, 40H), 0.96 − 0.87 (m, 6H). EA analysis: Calc.: C 76.98%, H 10.20%, N 4.72%. Found: C 77.20% (Δ 0.22), H 10.46% (Δ 0.26), N 4.71% (Δ 0.01).

B-18: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.96 (d, J = 8.8 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.07 (t, J = 6.6 Hz, 2H), 1.93 − 1.74 (m, 4H), 1.53 − 1.24 (m, 42H), 0.97-0.86 (m, 6H). EA analysis: Calc.: C 77.18%, H 10.30%, N 4.62%. Found: C 77.12% (Δ 0.06), H 10.15% (Δ 0.15), N 4.46% (Δ 0.16).

B-20: ^{1}H NMR (500 MHz, CDCl$_3$) δ 7.95 (d, J = 8.9 Hz, 4H), 7.25 (d, J = 8.9 Hz, 2H), 7.03 (d, J = 9.0 Hz, 2H), 4.08 (t, J = 6.6 Hz, 2H), 1.91 − 1.63 (m, 4H), 1.56 − 1.24 (m, 46H), 0.97-0.88 (m, 6H). EA analysis: Calc.: C 77.18%, H 10.30%, N 4.62%. Found: C 77.12% (Δ 0.06), H 10.15% (Δ 0.15), N 4.46% (Δ 0.16).