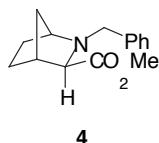
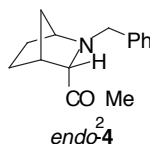


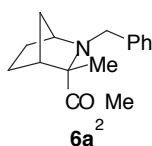
Supporting Information:



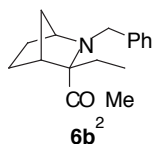
IR (neat, cm^{-1}) 2952, 1745 and 1156; ^1H NMR (400 MHz/ CDCl_3) δ 1.25 (1H, d, $J = 9.6$ Hz), 1.30-1.42 (2H, m), 1.62-1.71 (1H, m), 1.91-2.03 (2H, m), 2.52 (1H, br s), 2.69 (1H, s), 3.33 (1H, s), 3.53 (3H, s), 3.74 (1H, s), 3.64-3.77 (1H, m) and 7.19-7.36 (5H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 22.3, 29.2, 36.5, 42.3, 51.4, 55.4, 59.6, 66.7, 126.8, 128.0, 129.0, 139.1 and 173.9; MS (EI) m/z (rel. intensity) 245 (M^+ , 7%), 186 (79), 158 (100) and 92 (57).



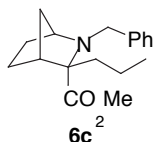
IR (neat, cm^{-1}) 2952, 1745 and 1156; ^1H NMR (400 MHz/ CDCl_3) δ 1.31 (1H, d, $J = 9.6$ Hz), 1.34-1.45 (2H, m), 1.47-1.55 (1H, m), 1.62-1.74 (2H, m), 2.70 (1H, br s), 3.16 (1H, br s), 3.34 (1H, dd, $J_1 = 2.4$ Hz, $J_2 = 1.2$ Hz), 3.59-3.72 (5H, m) and 7.19-7.41 (5H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 23.5, 31.1, 35.2, 42.0, 51.4, 61.1, 61.9, 71.0, 126.8, 128.0, 128.9, 139.6 and 174; MS (EI) m/z (rel. intensity) 245 (M^+ , 7%), 186 (79), 158 (100) and 92 (57); Anal. calcd. for $\text{C}_{15}\text{H}_{19}\text{NO}_2$: C, 73.44; H, 7.81; N, 5.71. Found: C, 73.28; H, 7.77 and N, 5.81.



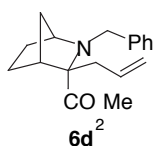
IR (neat, cm^{-1}) 2966, 1735 and 1113; ^1H NMR (400 MHz/ CDCl_3) δ 1.21 (1H, d, $J = 9.6$ Hz), 1.30-1.49 (3H, m), 1.42 (3H, d, $J = 4.4$ Hz), 1.70-1.76 (1H, m), 1.85-1.95 (1H, m), 2.41 (1H, br s), 3.06 (1H, br s), 3.73 (3H, d, $J = 4.4$ Hz) 3.78 (1H, d, $J = 3.6$ Hz), 4.05 (1H, dd, $J_1 = 3.2$ Hz, $J_2 = 14.4$ Hz) and 7.20-7.48 (5H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 23.7, 26.2, 27.4, 35.5, 48.8, 51.3, 51.5, 60.0, 70.4, 126.6, 128.2, 128.4, 142.6 and 177.3; MS (EI) m/z (rel. intensity) 259 (M^+ , 6%), 200 (100), 186 (11), 172 (40) and 91 (41); Anal. calcd. for $\text{C}_{16}\text{H}_{21}\text{NO}_2$: C, 74.14; H, 8.16; N, 5.40. Found: C, 74.04; H, 8.30 and N, 5.40.



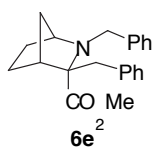
IR (neat, cm^{-1}) 2966, 1737 and 1119; ^1H NMR (400 MHz/ CDCl_3) δ 0.91 (3H, dt, $J_1 = 1.6$ Hz, $J_2 = 7.6$ Hz), 1.23 (1H, d, $J = 12.8$ Hz), 1.24-1.32 (2H, m), 1.41-1.52 (1H, m), 1.69-1.80 (1H, m), 1.86-1.94 (2H, m), 1.96-2.08 (1H, m), 2.39 (1H, m), 3.08 (1H, br s), 3.73 (3H, s), 4.03 (1H, d, $J = 16.0$ Hz), 4.26 (1H, d, $J = 16.0$ Hz), 7.19-7.43 (5H, m with d at 7.41 J = 7.2 Hz); ^{13}C NMR (100 MHz/ CDCl_3) δ 9.4, 23.4, 26.4, 34.1, 36.3, 48.4, 51.0, 58.7, 72.7, 126.2, 127.5, 128.0, 142.6 and 176.3; MS (EI) m/z (rel. intensity) 273 (M^+ , 69 %), 244 (87), 214 (100), 187 (27) and 92 (64); Anal. calcd. for $\text{C}_{17}\text{H}_{23}\text{NO}_2$: C, 74.49; H, 8.48; N, 5.17. Found: C, 74.45; H, 8.54 and N, 5.27.



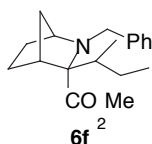
IR (neat, cm^{-1}) 2966, 1737 and 1119; ^1H NMR (400 MHz/ CDCl_3) δ 0.90 (3H, m), 1.05-1.32 (4H, m), 1.42-1.60 (2H, m), 1.66-1.76 (1H, m), 1.85-1.98 (3H, m), 2.38 (1H, br s), 3.08 (1H, br s), 3.72 (3H, s), 4.01 (1H d, $J = 16$ Hz), 4.25 (1H, dd, $J_1 = 3.6$ Hz, $J_2 = 16$ Hz) and 7.19-7.41 (5H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 14.8, 18.2, 23.4, 26.4, 36.3, 43.9, 48.6, 50.9, 51.0, 58.7, 72.12, 126.2, 127.6, 128.1, 142.6 and 176.5; MS (EI) m/z (rel. intensity) 287 (M^+ , 63 %), 244 (79), 228 (100), 216 (33), 201 (24) and 92 (93); Anal. calcd. for $\text{C}_{18}\text{H}_{25}\text{NO}_2$: C, 75.22; H, 8.77; N, 4.87. Found: C, 75.19; H, 8.48 and N, 5.02.



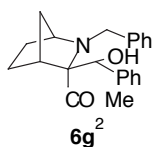
IR (neat, cm^{-1}) 2968, 1739, 1203, 1162 and 1125; ^1H NMR (400 MHz/ CDCl_3) δ 1.23 (1H, d, $J = 9.2$ Hz), 1.25-1.34 (2H, m), 1.44-1.54 (1H, m), 1.85-1.99 (2H, m), 2.44 (1H, m), 2.49 (1H, dd, $J_1 = 7.2$ Hz, $J_2 = 13.2$ Hz), 2.75 (1H, dd, $J_1 = 7.6$ Hz, $J_2 = 13.2$ Hz), 3.10 (1H, br s), 3.74 (3H, s), 3.99 (1H, d, $J = 15.6$ Hz), 4.23 (1H, d, $J = 15.6$ Hz), 4.99 (1H, dd, $J_1 = 2.2$ Hz, $J_2 = 10.2$ Hz), 5.12 (1H, dd, $J_1 = 2.2$ Hz, $J_2 = 17.0$ Hz), 5.84 (1H, m) and 7.20-7.43 (5H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 23.6, 26.4, 36.2, 45.7, 48.2, 50.5, 51.0, 58.6, 72.4, 117.6, 126.2, 127.7, 128.0, 134.3, 142.4 and 175; MS (EI) m/z (rel. intensity) 286 ($\text{M}^+ + 1$, 2 %), 101 (15), 85 (88), 67 (100) and 56 (38); Anal. calcd. for $\text{C}_{18}\text{H}_{23}\text{NO}_2$: C, 75.76; H, 8.12; N, 4.91. Found: C, 75.93; H, 7.95 and N, 5.08.



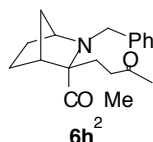
IR (neat, cm^{-1}) 2965 and 1740; ^1H NMR (400 MHz/ CDCl_3) δ 1.24-1.36 (3H, m), 1.47-1.58 (1H, m), 1.83-1.91 (1H, m), 1.98-2.03 (1H, m), 2.57 (1H, br s), 2.95 (1H, d, $J = 12.8$ Hz), 3.20 (1H, br s), 3.30 (1H, d, $J = 15.4$ Hz), 3.42 (1H, d, $J = 12.8$ Hz), 3.80 (3H, s), 4.16 (1H, d, $J = 15.4$ Hz) and 7.10-7.33 (10H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 22.9, 26.5, 36.0, 46.7, 48.6, 50.1, 50.8, 58.5, 73.1, 125.9, 126.4, 127.8, 127.9, 130.0, 137.6, 141.9 and 175.7; MS (EI) m/z (rel. intensity) 336 ($\text{M}^+ + 1$, 3 %), 244 (62), 216 (100), 184 (13) and 91 (81); Anal. calcd. for $\text{C}_{22}\text{H}_{25}\text{NO}_2$: C, 78.77; H, 7.51; N, 4.18. Found: C, 78.66; H, 7.44 and N, 4.23.



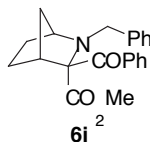
IR (neat, cm^{-1}) 2960 and 1735; ^1H NMR (400 MHz/ CDCl_3) δ 0.84-0.98 (8H, m), 1.05-1.30 (12H, m with d at 1.06, $J = 6.8$ Hz), 1.40-1.54 (3H, m), 1.57 (1H, s), 1.79-2.02 (6H, m), 2.57 (2H, dd, $J_1 = 2.4$ Hz, $J_2 = 28.4$ Hz), 3.07 (2H, m), 3.71 (6H, s), 4.21 (1H, d, $J = 16$ Hz), 4.21 (2H, s), 4.33 (1H, d, $J = 16$ Hz) and 7.19-7.42 (10H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 12.6, 13.2, 14.3, 15.0, 22.6, 22.8, 24.4, 26.2, 27.1, 27.6, 36.1, 36.2, 45.4, 45.6, 46.0, 46.6, 50.6, 50.7, 51.0, 51.4, 58.4, 58.6, 75.0, 75.2, 126.1, 127.5, 128.1, 142.8, 142.9, 176.4 and 176.9; MS (EI) m/z (rel. intensity) 302 ($\text{M}^+ + 1$, 2 %), 244 (84), 216 (100), 184 (17) and 92 (55). Anal. calcd. for $\text{C}_{19}\text{H}_{27}\text{NO}_2$: C, 75.71; H, 9.03; N, 4.65. Found: C, 75.59; H, 8.93 and N, 4.58.



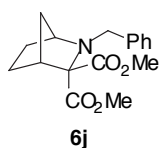
IR (neat, cm^{-1}) 3469, 2965 and 1740; ^1H NMR (400 MHz/ CDCl_3) δ 1.10 (1H, d, $J = 9.6$ Hz), 1.19-1.36 (2H, m), 1.44-1.54 (1H, m), 1.78 (1H, d, $J = 9.6$ Hz), 1.91-1.99 (1H, m), 2.71 (1H, br s), 3.28 (1H, s), 3.77 (1H, d), 3.79 (3H, s), 4.20 (1H, d, $J = 14.8$ Hz), 4.80 (2H, dd, $J_1 = 4.0$ Hz, $J_2 = 28.0$ Hz) and 7.22-7.43 (10H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 22.5, 26.8, 35.7, 45.3, 49.9, 51.0, 58.0, 75.3, 77.3, 126.5, 127.5, 127.6, 128.0, 128.2, 128.3, 140.8, 141.2 and 175.4. MS (EI) m/z (rel. intensity) 336 ($\text{M}^+ + 1$, 3 %), 244 (62), 216 (100), 184 (13) and 91 (81); Anal. calcd. for $\text{C}_{22}\text{H}_{25}\text{NO}_3$: C, 75.19; H, 7.17; N, 3.99. Found: C, 75.13; H, 7.32 and N, 3.97.



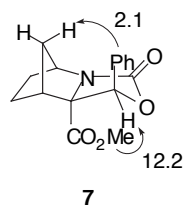
IR (neat, cm^{-1}) 2960, 1734, 1718, 1164 and 1097; ^1H NMR (400 MHz/ CDCl_3) δ 1.21-1.34 (3H, m), 1.43-1.54 (1H, m), 1.85-2.02 (3H, m), 2.09 (3H, s), 2.19-2.33 (2H, m), 2.43 (1H, m), 2.56-2.65 (1H, m), 3.11 (1H, br s), 3.73 (3H, s), 3.97 (1H, d, $J = 16.0$ Hz), 4.25 (1H, d, $J = 16$ Hz), and 7.19-7.38 (5H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 23.3, 26.8, 30.0, 34.3, 36.4, 39.1, 48.5, 50.7, 51.3, 58.9, 71.3, 126.4, 127.4, 126.2, 142.0, 175.6 and 208.7; MS (EI) m/z (rel. intensity) 315 (M^+ , 11 %), 256 (99), 244 (100), 216 (52), 198 (26), 184 (11) and 170 (57). Anal. calcd. for $\text{C}_{19}\text{H}_{25}\text{NO}_3$: C, 72.35; H, 7.99; N, 4.44. Found: C, 72.43; H, 8.05 and N, 4.39.



IR (neat, cm^{-1}) 2966, 1741 and 1689; ^1H NMR (400 MHz/ CDCl_3) δ 1.29-1.73 (5H, 4m), 2.07-2.17 (1H, m), 3.05 (1H, br s), 3.32 (1H, br s), 3.82 (3H, s), 4.01 (1H, d, $J = 14.8$ Hz), 4.18 (1H, d, $J = 14.8$ Hz), 6.72 (2H, m), 7.09 (3H, m), 7.27-7.46 (3H, m) and 7.61-7.65 (2H, m); ^{13}C NMR (100 MHz/ CDCl_3) δ 23.4, 24.2, 37.8, 46.4, 49.2, 52.0, 58.9, 77.7, 126.4, 127.9, 128.0, 128.1, 128.2, 131.4, 139.3, 140.5, 172.6 and 195.4. MS (EI) m/z (rel. intensity) 350 ($\text{M}^+ + 1$, 1 %), 244 (67), 216 (96), 184 (21) and 92 (100). Anal. calcd. for $\text{C}_{22}\text{H}_{23}\text{NO}_3$: C, 75.62; H, 6.63; N, 4.02. Found: C, 75.65; H, 6.56 and N, 4.12.



IR (neat, cm^{-1}) 2949 and 1738; ^1H NMR (400 MHz/ CDCl_3) δ 1.26-1.42 (3H, m), 1.46-1.60 (1H, m), 1.88-1.99 (2H, m), 3.03 (1H, m), 3.09 (1H, s), 3.74 (3H, s), 3.76 (3H, s), 4.20 (2H, s) and 7.18-7.33 (5H, m). ^{13}C NMR (100 MHz/ CDCl_3) δ 23.9, 25.1, 38.4, 45.8, 49.7, 51.9, 52.0, 57.7, 75.3, 126.5, 127.9, 128.1, 141.6, 170.2 and 171.7. MS (EI) m/z (rel. intensity) 303 (M^+ , 2 %), 244 (100), 216 (64) and 91 (54). Anal. calcd. for $\text{C}_{17}\text{H}_{21}\text{NO}_4$: C, 67.31; H, 6.98; N, 4.62. Found: C, 67.25; H, 7.04 and N, 4.71.



7

¹H NMR (400 MHz/CDCl₃) δ 1.0 (1H, s), 1.0-1.80 (5H, m + m), 2.42(1H, br s), 3.92 (3H, s), 4.33 (1H, br s), 5.78 (1H, s) and 7.11-7.42 (5H, m). ¹³C NMR (100 MHz/CDCl₃) δ 25.5, 26.6, 38.5, 43.1, 52.8, 61.2, 75.7, 81.4, 125.2, 125.4, 128.2, 128.4, 128.5, 129.0, 135.0, and 173.3.