

3-(4-cyanophenyl)-2-oxazolidinone (3a): mp 143-144 °C; IR (KBr) 2222, 1765 cm^{-1} ; ^1H NMR δ 7.65-7.60 (m, 4 H), 4.57-4.49 (m, 2 H), 4.12-4.04 (m, 2 H); ^{13}C NMR δ 154.67, 142.10, 133.24, 118.71, 117.88, 106.93, 61.43, 44.76; MS calculated for $\text{C}_{10}\text{H}_9\text{NO}_3 = 188.18$; MS (m/z) (relative intensity) 188 (M^+ , 48), 129 (100), 102 (70).

3-(4-nitrophenyl)-2-oxazolidinone (3b): mp 153-154 °C; IR (KBr) 1749 cm^{-1} ; ^1H NMR δ 8.24 (d, $J = 9.3$ Hz), 7.73 (d, $J = 9.3$ Hz, 2 H), 4.60-4.52 (m, 2 H), 4.18-4.01 (m, 2 H); ^{13}C NMR δ 154.59, 143.81, 143.80, 124.96, 117.48, 61.42, 44.93; MS calculated for $\text{C}_9\text{H}_8\text{N}_2\text{O}_4 = 208.17$; MS (m/z) (relative intensity) 208 (M^+ , 88), 178 (4), 149 (100)

3-(4-acetylphenyl)-2-oxazolidinone (3c): mp 146-147 °C; IR (KBr) 1746, 1679 cm^{-1} ; ^1H NMR (DMSO) δ 7.98 (d, $J = 8.9$ Hz, 2 H), 7.69 (d, $J = 8.9$ Hz, 2 H), 4.51-4.43 (m, 2 H), 4.14-4.06 (m, 2 H) 2.55 (s, 3 H); ^{13}C NMR δ 196.60, 154.72, 142.62, 131.57, 129.37, 117.05, 61.68, 44.6111, 26.48; MS calculated for $\text{C}_{11}\text{H}_{11}\text{N.O}_3 = 205.21$; MS (m/z) (relative intensity) 206 (M^+ , 100), 162 (51), 148 (56), 132(14).

3-(4-formylphenyl)-2-oxazolidinone (3d): mp 117-118 °C; IR (KBr) 1744, 1684, 1407 cm^{-1} ; ^1H NMR δ 9.94 (s, 1 H), 7.89 (dd, $J_1 = 8.0$ Hz, $J_2 = 2.4$ Hz, 2 H), 7.72 (dd, $J_1 = 8.0$ Hz, $J_2 = 2.1$ Hz, 2 H), 4.57-4.49 (m, 2 H), 4.16-4.08 (m, 2 H); ^{13}C NMR δ 190.99, 154.76, 143.52, 131.87, 130.95, 117.65, 61.43, 44.93; MS calculated for $\text{C}_{10}\text{H}_9\text{N.O}_3 = 191.18$; MS (m/z) (relative intensity) 191(M^+ , 95), 132 (100), 105 (51), 77 (43), 51 (21)

3-(3-methoxyphenyl)-2-oxazolidinone (3f): mp 73-74 °C; IR (KBr) 1756 cm^{-1} ; ^1H NMR δ 7.15 (t, $J = 2.3$, 1 H), 7.10 (t, $J = 8.2$, 1 H), 6.93 (dd, $J_1 = 8.2$ Hz, $J_2 = 2.3$ Hz, 1 H), 6.57 (dd, $J_1 = 8.2$ Hz, $J_2 = 2.3$ Hz, 1 H), 4.38-4.30 (m, 2 H), 3.91-3.86 (m, 2 H); 3.71 (s, 3 H); ^{13}C NMR δ 160.10, 155.16, 139.46, 129.71, 110.22, 129.71, 110.22, 109.39, 104.37, 61.26, 55.31, 45.20; MS calculated for $\text{C}_{10}\text{H}_{11}\text{N.O}_3 = 193.20$; MS (m/z) (relative intensity) 193 (M^+ , 100), 134 (63), 107 (51), 77 (25), 51 (5)

3-phenyl-2-oxazolidinone (3e): mp 118-119 °C; IR (KBr) 1740 cm^{-1} ; ^1H NMR δ 7.53 (d, $J = 8.4$ Hz, 2 H), 7.37 (t, $J = 8.4$ Hz, 2 H), 7.13 (t, $J = 8.3$ Hz, 2 H), 4.49-4.42 (m, 2 H), 4.07-3.99 (m, 2 H); ^{13}C NMR δ 155.38, 138.34, 129.09, 124.07, 118.27, 61.40, 45.20; MS calculated for $\text{C}_9\text{H}_{11}\text{N.O}_2 = 163.17$; MS (m/z) (relative intensity) 163 (M^+ , 61), 104 (96), 77 (100), 51 (20)

3-(3-trifluoromethylphenyl)-2-oxazolidinone (3h): mp 52-53 °C; IR (KBr) 1758 cm^{-1} ; ^1H NMR δ 7.78-7.70 (m, 2 H), 7.49-7.32 (m, 2 H), 4.53-4.51 (m, 2 H), 4.09-4.01 (m, 2

H); ^{13}C NMR δ 155.13, 138.91, 131.36 (q, $J = 32.4$ Hz), 129.69, 129.07, 123.87 ($J = 272.0$ Hz), 120.49 (q, $J = 3.8$ Hz), 114.6 (q, $J = 4.02$ Hz); MS calculated for $\text{C}_{10}\text{H}_8\text{F}_3\text{N}\cdot\text{O}_2 = 231.17$; MS (m/z) (relative intensity) 231 (M^+ , 38), 172 (88), 145 (100)

3-(4-fluorophenyl)-2-oxazolidinone (3i): mp 71-72 °C; IR (KBr) 1739 cm^{-1} ; ^1H NMR δ 7.51-7.44 (m, 2 H), 7.09-7.01 (m, 2 H), 4.49-4.41 (m, 2 H), 4.05-3.97 (m, 2 H); ^{13}C NMR δ 159.32, (d, $J = 243.7$ Hz), 155.45, 134.45, 120.19 (d, $J = 8.0$ Hz), 115.80 (d, $J = 22.5$ Hz), 61.33, 45.50; MS calculated for $\text{C}_9\text{H}_8\text{FN}\cdot\text{O}_2 = 181.16$; MS (m/z) (relative intensity) 181 (M^+ , 53), 122 (100), 95 (82)

3-(3-fluorophenyl)-2-oxazolidinone (3j): mp 87-88 °C; IR (KBr) 1743 cm^{-1} ; ^1H NMR δ 7.46 (dt, $J_1=11.3$ Hz, $J_2=2.25$ Hz, 1 H), 7.39-7.18 (m, 2 H), 6.84 (ddt, $J_1=11.3$ Hz, $J_2=2.25$ Hz, $J_3=0.95$ Hz, 1 H), 4.53-4.46 (m, 2 H), 4.08-4.00 (m, 2 H); ^{13}C NMR δ 162.97 (d, $J = 244.8$ Hz), 154.96, 139.78 (d, $J = 10.7$ Hz), 130.19 (d, $J = 9.3$ Hz), 113.13 (d, $J = 2.9$ Hz), 110.6 (d, $J = 21.2$ Hz), 105.61 (d, $J = 26.9$ Hz), 61.29, 45.02; MS calculated for $\text{C}_9\text{H}_8\text{FN}\cdot\text{O}_2 = 181.16$; MS (m/z) (relative intensity) 181 (M^+ , 52), 122 (100), 95 (92)

3-(3-cyanophenyl)-2-oxazolidinone (3k): mp 98-99 °C; IR (KBr) 1765, 2223 cm^{-1} ; ^1H NMR (DMSO) δ 8.11 (s, 1 H), 7.88 (d, $J = 7.9$, 1 H), 7.60 (d, $J = 7.9$ Hz, 1 H), 7.28-7.24 (m, 1 H), 4.49-4.40 (m, 2 H), 4.12-4.02 (m, 2 H); ^{13}C NMR δ 154.85, 139.38, 130.26, 126.77, 122.40, 120.68, 118.58, 111.78, 61.76, 44.54; MS calculated for $\text{C}_{10}\text{H}_8\text{N}_2\cdot\text{O}_2 = 188.18$; MS (m/z) (relative intensity) 188 (M^+ , 43), 129 (100), 102 (67)

3-(2-naphthylphenyl)-2-oxazolidinone (3l): mp 210-211 °C; IR (KBr) 1737 cm^{-1} ; ^1H NMR (DMSO) δ 7.99 (m, 5 H), 7.52-7.43 (m, 2 H), 4.53-4.46 (m, 2 H), 4.22-4.14 (m, 2 H); ^{13}C NMR δ 155.05, 136.34, 133.16, 129.56, 128.48, 127.42, 127.28, 126.60, 124.93, 118.24, 114.26, 61.56, 44.98; MS calculated for $\text{C}_{13}\text{H}_{11}\text{N}\cdot\text{O}_2 = 213.23$; MS (m/z) (relative intensity) 213 (M^+ , 80), 154 (50), 127 (100), 77 (21), 51 (4)

3-(1-naphthylphenyl)-2-oxazolidinone (3m): mp 233-234 °C; IR (KBr) 1736 cm^{-1} ; ^1H NMR δ 7.89-7.84 (m, 3 H), 7.53-7.44 (m, 4 H), 4.58-4.50 (m, 2 H), 4.02-3.94 (m, 2 H); ^{13}C NMR δ 157.48, 134.52, 133.96, 129.83, 128.63, 128.56, 126.90, 126.47, 125.58, 124.53, 122.31, 62.51, 48.96; MS calculated for $\text{C}_{13}\text{H}_{11}\text{N}\cdot\text{O}_2 = 213.23$; MS (m/z) (relative intensity) 213 (M^+ , 83), 127 (100), 77 (19)

3-(9-fenantrylphenyl)-2-oxazolidinone (3n): mp 242-243 °C; IR (KBr) 1752 cm^{-1} ; ^1H NMR δ 8.20 (dd, $J_1 = 7.3$ Hz, $J_2 = 1.9$ Hz, 2 H), 8.12-8.07 (m, 2 H), 7.69-7.56 (m, 4 H),

4.86-4.78 (m, 2 H), 4.17-4.09 (m, 2 H); ^{13}C NMR δ 131.43, 128.89, 128.69, 128.53, 127.81, 127.27, 125.81, 122.62, 62.97, 48.03; MS calculated for $\text{C}_{17}\text{H}_{13}\text{N.O}_2 = 263.29$; MS (m/z) (relative intensity) 263 (M^+ , 100), 204 (62), 190 (21)

3-(4-methylphenyl)-2-oxazolidinone (3p): mp 73-74 $^{\circ}\text{C}$; IR (KBr) 1733 ; ^1H NMR δ 7.33-7.28 (m, 2 H), 7.05 (d, $J = 8.6$ Hz, 2 H), 4.37-4.29 (m, 2 H), 3.93-3.85 (m, 2 H), 2.24 (s, 3 H); ^{13}C NMR δ 155.52, 135.86, 129.63, 124.07, 118.40, 61.43, 45.22, 20.82; MS calculated for $\text{C}_{10}\text{H}_{11}\text{N.O}_2 = 177.20$; MS (m/z) (relative intensity) 177 (M^+ , 65), 118 (100), 91 (97), 77 (11), 51 (10)

3-(4-tert-butylphenyl)-2-oxazolidinone (3g): mp 85-86 $^{\circ}\text{C}$; IR (KBr) 1733 cm^{-1} ; ^1H NMR δ 7.52-7.40 (m, 4 H), 4.51-4.43 (m, 4 H), 4.09-4.01 (m, 2 H), 1.35 (s, 9 H); ^{13}C NMR δ 155.42, 147.03, 135.65, 131.00, 125.86, 118.10, 61.33, 45.26, 34.28, 13.31; MS calculated for $\text{C}_{13}\text{H}_{17}\text{N.O}_2 = 219.13$; MS (m/z) (relative intensity) 219 (M^+ , 19), 204 (100), 132 (14), 77 (11), 51 (5)

3-(4-phenylphenyl)-2-oxazolidinone (3q): mp 202-203 $^{\circ}\text{C}$; IR (KBr) 1733 cm^{-1} ; ^1H NMR δ 7.64-7.69 (m, 6 H), 7.46 (t, $J=7.6$ Hz, 1 H), 7.35 (d, $J=7.1$ Hz, 2 H), 4.50-4.42 (m, 2 H), 4.14-4.09 (m, 2 H); ^{13}C NMR δ 154.89, 139.40, 137.94, 135.02, 128.91, 127.16, 127.00, 126.31, 118.29, 61.51, 44.71; MS calculated for $\text{C}_{15}\text{H}_{13}\text{N.O}_2 = 239.27$; MS (m/z) (relative intensity) 239 (M^+ 100), 180 (57), 167 (24), 152 (63)

3-(3-acetylphenyl)-2-oxazolidinone (3r): mp 74-75 $^{\circ}\text{C}$; IR (KBr) 1679, 1745 cm^{-1} ; ^1H NMR δ 8.00-7.97 (m, 2 H), 7.75-7.71 (m, 1 H), 7.50 (t, $J = 8$ Hz, 1 H), 4.58-4.50 (m, 2 H), 4.17-4.09 (m, 2 H), 2.64 (s, 3 H); ^{13}C NMR δ 197.68, 155.17, 138.77, 137.67, 129.28, 123.87, 122.71, 116.91, 61.39, 45.01, 26.64; MS calculated for $\text{C}_{11}\text{H}_{11}\text{N.O}_3 = 205.21$; MS (m/z) (relative intensity) 205 (M^+ , 87), 190 (100), 146 (59), 132(5), 91 (51), 77 (23)

4-benzyl-3-(4-formylphenyl)-2-oxazolidinone (3aa): oil; IR (neat) 1742, 1698 cm^{-1} ; ^1H NMR δ 10.01 (s, 1 H), 7.98 (d, $J = 8.7$ Hz, 2 H), 7.84 (d, $J = 8.8$ Hz, 2 H), 7.37-7.15 (m, 2 H), 4.76-4.82 (m, 1 H), 4.42-4.33 (m, 1 H), 4.32 (dd, $J_1 = 8.9$ Hz, $J_2 = 4.0$ Hz, 1 H), 3.22 (dd, $J_1 = 9.0$ Hz, $J_2 = 3.5$ Hz, 1 H), 2.88 (dd, $J_1 = 9.0$ Hz, $J_2 = 3.5$ Hz, 1 H); ^{13}C NMR δ 190.93, 154.74, 142.36, 134.63, 132.39, 131.10, 129.22, 129.11, 127.60, 119.86, 65.89, 56.61, 37.49; MS calculated for $\text{C}_{17}\text{H}_{15}\text{N.O}_3 = 282.11$; MS (m/z) (relative intensity) 281 (M^+ , 15), 190 (100), 118 (96), 91 (67), 77 (18), 51 (15)

4-benzyl-3-(3-methoxyphenyl)-2-oxazolidinone (3ab): oil; IR (neat) 1754 cm^{-1} ; ^1H NMR δ 7.34-7.11 (m, 8 H), 6.78 (dd, $J_1 = 8.3$ Hz, $J_2 = 2.5$ Hz, 1 H), 4.69-4.56 (m, 1 H), 4.33 (t, $J = 8.1$ Hz, 1 H), 4.20 (dd, $J_1 = 8.8$ Hz, $J_2 = 4.7$ Hz, 1 H), 3.84 (s, 3 H), 3.16 (dd, $J_1 = 13.8$ Hz, $J_2 = 3.5$ Hz, 1 H), 2.78 (dd, $J_1 = 13.8$ Hz, $J_2 = 9.3$ Hz, 1 H); ^{13}C NMR δ 160.33, 155.29, 137.80, 135.11, 129.94, 129.09, 128.87, 127.21, 113.32, 110.58, 107.65, 65.83, 57.25, 55.32, 37.61; MS calculated for $\text{C}_{17}\text{H}_{17}\text{N}\text{O}_3 = 283.32$; MS (m/z) (relative intensity) 283 (M^+ , 21), 192 (100), 133 (41), 105 (16), 91 (24), 77 (17), 65 (11)

4-benzyl-3-(4-phenylphenyl)-2-oxazolidinone (3ac): mp 152-153 $^\circ\text{C}$; IR (KBr) 1740 cm^{-1} ; ^1H NMR δ 7.63-7.56 (m, 6 H), 7.44-7.28 (m, 6 H), 7.15-7.11 (m, 2 H), 4.74-4.61 (m, 1 H), 4.38-4.30 (m, 1 H), 4.19 (dd, $J_1 = 8.8$ Hz, $J_2 = 4.9$ Hz, 1 H), 3.17 (dd, $J_1 = 13.8$ Hz, $J_2 = 3.5$ Hz, 1 H), 2.79 (dd, $J_1 = 13.8$ Hz, $J_2 = 9.2$ Hz, 1 H); MS calculated for $\text{C}_{22}\text{H}_{19}\text{N}\text{O}_2 = 329.39$; MS (m/z) (relative intensity) 329 (M^+ , 35), 238 (85), 194 (100)

4-ⁱbutyl-3-(4-formylphenyl)-2-oxazolidinone (3ba): oil; IR (neat) 1755, 1698 cm^{-1} ; ^1H NMR δ 9.92 (s, 1 H), 7.88 (d, $J = 8.6$ Hz, 2 H), 7.64 (d, $J = 8.6$ Hz, 2 H), 4.56-4.52 (m, 2 H), 4.17-4.16 (m, 1 H), 0.99 (d, $J = 5.6$ Hz, 3 H), 0.93 (d, $J = 5.7$ Hz, 3 H); ^{13}C NMR δ 190.89, 154.83, 142.38, 132.17, 130.80, 119.93, 67.38, 54.44, 40.62, 24.62, 23.44, 21.56; MS calculated for $\text{C}_{14}\text{H}_{17}\text{N}\text{O}_3 = 247.29$; MS (m/z) (relative intensity) 247 (M^+ , 29), 190 (71), 146 (10), 118 (100), 77 (22), 51 (12)

4-ⁱbutyl-3-(3-methoxyphenyl)-2-oxazolidinone (3bb): oil; IR (neat) 1755 cm^{-1} ; ^1H NMR δ 7.30 (t, $J = 8.2$ Hz, 1 H), 7.10 (t, $J = 2.2$ Hz, 1 H), 6.97 (dt, $J_1 = 8.1$ Hz, $J_2 = 0.66$ Hz, 1 H), 6.75 (dt, $J_1 = 8.3$ Hz, $J_2 = 1.8$ Hz, 1 H), 4.12 (dd, $J_1 = 7.9$ Hz, $J_2 = 4.9$ Hz, 1 H), 3.82 (s, 3 H), 0.96 (d, $J = 6.2$ Hz, 3 H), 0.93 (d, $J = 6.2$ Hz, 3 H); ^{13}C NMR δ 160.20, 155.52, 137.96, 129.76, 113.63, 110.63, 107.82, 67.50, 55.28, 55.05, 41.01, 24.62, 23.48, 21.62; MS calculated for $\text{C}_{14}\text{H}_{19}\text{N}\text{O}_3 = 249.31$; MS (m/z) (relative intensity) 249 (M^+ , 60), 192 (100), 133 (70), 77 (30)

4-ⁱbutyl-3-(4-phenylphenyl)-2-oxazolidinone (3bc): mp 109-110 $^\circ\text{C}$; IR (KBr) 1735 cm^{-1} ; ^1H NMR δ 7.65-7.64 (m, 9 H), 4.61-4.40 (m, 2 H), 4.13 (dd, $J_1 = 7.6$ Hz, $J_2 = 4.1$ Hz, 1 H), 1.78-1.48 (m, 3 H), 0.97 (d, $J = 6.5$ Hz, 3 H), 0.90 (d, $J = 6.5$ Hz, 3 H); ^{13}C NMR δ 155.70, 140.21, 137.90, 135.98, 128.80, 127.75, 127.29, 126.88, 121.97, 67.64, 54.99, 41.12, 24.67, 23.52, 21.68; MS calculated for $\text{C}_{19}\text{H}_{21}\text{N}\text{O}_2 = 295.38$; MS (m/z) 295 (M^+ , 100)

4-methyl-3-(4-formylphenyl)-2-oxazolidinone (3ca): oil; IR (neat) 1748 cm^{-1} ; ^1H NMR δ 9.91 (s, 1 H), 7.87 (d, $J = 8.6$, 2 H), 7.65 (d, $J = 8.6$, 2 H), 4.63-4.56 (m, 2 H), 4.06-4.04 (m, 1 H), 1.38 (d, $J = 5.5$ Hz, 3 H); ^{13}C NMR δ 190.95, 154.79, 142.25, 132.20, 130.84, 119.92, 68.59, 51.70, 18.36; MS calculated for $\text{C}_{11}\text{H}_{11}\text{N}\text{O}_3 = 205.21$; MS (m/z) (relative intensity) 205 (M^+ , 100), 190 (22), 146 (86), 132 (65), 77 (54), 51 (25)

4-methyl-3-(3-methoxyphenyl)-2-oxazolidinone (3cb): oil; IR (neat) 1748 cm^{-1} ; ^1H NMR δ 7.26 (t, $J = 8.1$ Hz, 1 H), 7.07 (t, $J = 2.2$ Hz, 1 H), 6.94 (dt, $J_1 = 7.3$ Hz, $J_2 = 0.7$ Hz, 1 H), 6.72 (dt, $J_1 = 7.6$ Hz, $J_2 = 0.7$ Hz, 1 H), 4.56-4.46 (m, 2 H), 3.99-3.96 (m, 1 H), 3.78 (s, 3 H), 1.31 (d, $J = 6.0$ Hz, 3 H); ^{13}C NMR δ 160.20, 155.51, 137.76, 129.77, 113.73, 110.54, 107.97, 68.59, 55.31, 52.34, 18.39; MS calculated for $\text{C}_{11}\text{H}_{13}\text{N}\text{O}_3 = 207.23$; MS (m/z) (relative intensity) 207 (M^+ , 100), 192 (28), 148 (80), 134 (39), 77 (49)

4-methyl-3-(4-phenylphenyl)-2-oxazolidinone (3cc): mp 145-146 $^{\circ}\text{C}$; IR (KBr) 1737 cm^{-1} ; ^1H NMR δ , 7.64-7.38 (m, 9 H), 4.59-4.47 (m, 2 H), 4.06-3.98 (m, 1 H), ; 1.34 (d, $J = 5.9$ Hz, 3 H); ^{13}C NMR δ 155.69, 140.20, 137.88, 135.83, 128.84, 127.73, 127.32, 126.88, 122.00, 68.70, 52.25, 18.43; MS calculated for $\text{C}_{16}\text{H}_{15}\text{N}\text{O}_2 = 253.30$; MS (m/z) (relative intensity) 253 (M^+ , 100), 238 (8), 194 (86), 180 (30), 152 (80)

5-methyl-3-(4-formylphenyl)-2-oxazolidinone (3da): mp 130-131 $^{\circ}\text{C}$; IR (KBr) 1755, 1688 cm^{-1} ; ^1H NMR δ 9.86 (s, 1 H), 7.81 (d, $J = 8.8$ Hz, 2 H), 7.64 (d, $J = 8.8$ Hz, 2 H), 4.84-4.74 (m, 1 H), 4.14 (t, $J = 8.6$ Hz, 1 H), 3.63 (dd, $J_1 = 8.8$ Hz, $J_2 = 7.1$ Hz, 1 H), 1.50 (d, $J = 6.2$ Hz, 3 H); ^{13}C NMR δ 190.93, 154.36, 143.64, 131.65, 130.84, 117.58, 69.86, 51.53, 20.58; MS calculated for $\text{C}_{11}\text{H}_{11}\text{N}\text{O}_3 = 205.21$; MS (m/z) (relative intensity) 205 (M^+ , 100), 132 (100), 77 (27), 51 (13)

5-methyl-3-(3-methoxyphenyl)-2-oxazolidinone (3db): oil; IR (neat) 1747 cm^{-1} ; ^1H NMR δ 7.26-7.18 (m, 2 H), 7.00-6.99 (m, 1 H), 6.64 (dd, $J = 8.0$ Hz, 1 H), 4.73-4.66 (m, 1 H), 4.04 (t, $J = 8.6$ Hz, 1 H), 3.78 (s, 3 H), 3.54 (dd, $J_1 = 8.7$ Hz, $J_2 = 7.2$ Hz, 1 H), 1.47 (d, $J = 6.2$ Hz, 3 H); ^{13}C NMR δ 160.23, 154.77, 139.64, 129.68, 110.20, 109.37, 104.35, 69.52, 55.30, 51.90, 20.62; MS calculated for $\text{C}_{11}\text{H}_{13}\text{N}\text{O}_3 = 207.23$; MS (m/z) (relative intensity) 207 (M^+ , 66), 134 (100), 107 (34), 77 (38), 64 (15)

5-methyl-3-(4-phenylphenyl)-2-oxazolidinone (3dc): mp 174-175 $^{\circ}\text{C}$; IR (KBr) 1738 cm^{-1} ; ^1H NMR δ 7.60-7.34 (m, 9 H), 4.88-4.71 (m, 1 H), 4.11 (t, $J = 8.6$ Hz, 1 H), 3.66-

3.58 (m, 1 H), 1.53 (d, $J = 6.2$ Hz, 3 H); ^{13}C NMR δ 154.86, 140.24, 137.68, 136.68, 128.82, 127.57, 127.19, 126.80, 118.43, 69.61, 51.86, 20.69; MS calculated for $\text{C}_{16}\text{H}_{15}\text{N}\cdot\text{O}_2 = 253.30$; MS (m/z) (relative intensity) 253 (M^+ , 89), 180 (100), 152 (89)

4-(2-oxo-[1,3]oxazinan-3-yl)-benzaldehyde: mp 184-186 °C; IR (KBr) 1686 cm^{-1} ; ^1H NMR δ 9.97 (s, 1 H), 7.92-7.85 (m, 2 H), 7.58-7.52 (m, 2 H), 4.43 (t, $J = 5.4$ Hz, 2 H), 3.80 (t, $J = 6.1$ Hz, 2 H), 2.29-2.18 (m, 2 H); ^{13}C NMR δ 191.13, 152.08, 148.25, 133.76, 130.39, 125.26, 67.20, 47.96, 22.43; MS calculated for $\text{C}_{11}\text{H}_{11}\text{N}\cdot\text{O}_3 = 205.21$; MS (m/z) (relative intensity) 205 (M^+ , 46), 146 (10), 132 (100), 105 (32), 77 (32), 51 (15)

3-biphenyl-4-yl-[1,3]oxazinan-2-one: mp 197-198°C; IR (KBr) 1675 cm^{-1} ; ^1H NMR δ 7.61-7.33 (m, 9 H), 4.03 (t, $J = 5.3$ Hz, 2 H), 3.73 (t, $J = 6.1$ Hz, 2 H), 2.24-2.13 (m, 2 H); ^{13}C NMR δ 152.93, 142.26, 140.48, 139.79, 129.31, 128.00, 127.53, 127.20, 126.16, 67.15, 48.82, 21.62; MS calculated for $\text{C}_{16}\text{H}_{15}\text{N}\cdot\text{O}_2 = 253.11$; MS (m/z) (relative intensity) 253 (M^+ , 90), 181 (100), 152 (71)