

**3-(4-cyanophenyl)-2-oxazolidinone (3a):** mp 143-144 °C; IR (KBr) 2222, 1765  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  7.65-7.60 (m, 4 H), 4.57-4.49 (m, 2 H), 4.12-4.04 (m, 2 H);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 48), 129 (100), 102 (70).

**3-(4-nitrophenyl)-2-oxazolidinone (3b):** mp 153-154 °C; IR (KBr) 1749  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 88), 178 (4), 149 (100)

**3-(4-acetylphenyl)-2-oxazolidinone (3c):** mp 146-147 °C; IR (KBr) 1746, 1679  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR (DMSO)  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 100), 162 (51), 148 (56), 132(14).

**3-(4-formylphenyl)-2-oxazolidinone (3d):** mp 117-118 °C; IR (KBr) 1744, 1684, 1407  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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( $\text{M}^+$ , 95), 132 (100), 105 (51), 77 (43), 51 (21)

**3-(3-methoxyphenyl)-2-oxazolidinone (3f):** mp 73-74 °C; IR (KBr) 1756  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 100), 134 (63), 107 (51), 77 (25), 51 (5)

**3-phenyl-2-oxazolidinone (3e):** mp 118-119 °C; IR (KBr) 1740  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 61), 104 (96), 77 (100), 51 (20)

**3-(3-trifluoromethylphenyl)-2-oxazolidinone (3h):** mp 52-53 °C; IR (KBr) 1758  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_{10}\text{H}_8\text{F}_3\text{N.O}_2 = 231.17$ ; MS (m/z) (relative intensity) 231 ( $\text{M}^+$ , 38), 172 (88), 145 (100)

**3-(4-fluorophenyl)-2-oxazolidinone (3i):** mp 71-72 °C; IR (KBr) 1739  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_9\text{H}_8\text{FN.O}_2 = 181.16$ ; MS (m/z) (relative intensity) 181 ( $\text{M}^+$ , 53), 122 (100), 95 (82)

**3-(3-fluorophenyl)-2-oxazolidinone (3j):** mp 87-88 °C; IR (KBr) 1743  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_9\text{H}_8\text{FN.O}_2 = 181.16$ ; MS (m/z) (relative intensity) 181 ( $\text{M}^+$ , 52), 122 (100), 95 (92)

**3-(3-cyanophenyl)-2-oxazolidinone (3k):** mp 98-99 °C; IR (KBr) 1765, 2223  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR (DMSO)  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  154.85, 139.38, 130.26, 126.77, 122.40, 120.68, 118.58, 111.78, 61.76, 44.54; MS calculated for  $\text{C}_{10}\text{H}_8\text{N}_2\text{O}_2 = 188.18$ ; MS (m/z) (relative intensity) 188 ( $\text{M}^+$ , 43), 129 (100), 102 (67)

**3-(2-naphthylphenyl)-2-oxazolidinone (3l):** mp 210-211 °C; IR (KBr) 1737  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR (DMSO)  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_{13}\text{H}_{11}\text{N.O}_2 = 213.23$ ; MS (m/z) (relative intensity) 213 ( $\text{M}^+$ , 80), 154 (50), 127 (100), 77 (21), 51 (4)

**3-(1-naphthylphenyl)-2-oxazolidinone (3m):** mp 233-234 °C; IR (KBr) 1736  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_{13}\text{H}_{11}\text{N.O}_2 = 213.23$ ; MS (m/z) (relative intensity) 213 ( $\text{M}^+$ , 83), 127 (100), 77 (19)

**3-(9-fenantrylphenyl)-2-oxazolidinone (3n):** mp 242-243 °C; IR (KBr) 1752  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  131.43, 128.89, 128.69, 128.53, 127.81, 127.27, 125.81, 122.62, 62.97, 48.03; MS calculated for  $\text{C}_{17}\text{H}_{13}\text{N}\cdot\text{O}_2 = 263.29$ ; MS (m/z) (relative intensity) 263 ( $\text{M}^+$ , 100), 204 (62), 190 (21)

**3-(4-methylphenyl)-2-oxazolidinone (3p):** mp 73-74 °C; IR (KBr) 1733 ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  155.52, 135.86, 129.63, 124.07, 118.40, 61.43, 45.22, 20.82; MS calculated for  $\text{C}_{10}\text{H}_{11}\text{N}\cdot\text{O}_2 = 177.20$ ; MS (m/z) (relative intensity) 177 ( $\text{M}^+$ , 65), 118 (100), 91 (97), 77 (11), 51 (10)

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

**3-(4-phenylphenyl)-2-oxazolidinone (3q):** mp 202-203 °C; IR (KBr) 1733  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_{15}\text{H}_{13}\text{N}\cdot\text{O}_2 = 239.27$ ; MS (m/z) (relative intensity) 239 ( $\text{M}^+$  100), 180 (57), 167 (24), 152 (63)

**3-(3-acetylphenyl)-2-oxazolidinone (3r):** mp 74-75 °C; IR (KBr) 1679, 1745  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_{11}\text{H}_{11}\text{N}\cdot\text{O}_3 = 205.21$ ; MS (m/z) (relative intensity) 205 ( $\text{M}^+$ , 87), 190 (100), 146 (59), 132(5), 91 (51), 77 (23)

**4-benzyl-3-(4-formylphenyl)-2-oxazolidinone (3aa):** oil; IR (neat) 1742, 1698  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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  $\text{C}_{17}\text{H}_{15}\text{N}\cdot\text{O}_3 = 282.11$ ; MS (m/z) (relative intensity) 281 ( $\text{M}^+$ , 15), 190 (100), 118 (96), 91 (67), 77 (18), 51 (15)

**4-benzyl-3-(3-methoxyphenyl)-2-oxazolidinone (3ab):** oil; IR (neat) 1754  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 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  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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 ( $\text{M}^+$ , 35), 238 (85), 194 (100)

**4-<sup>i</sup>butyl-3-(4-formylphenyl)-2-oxazolidinone (3ba):** oil; IR (neat) 1755, 1698  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 29), 190 (71), 146 (10), 118 (100), 77 (22), 51 (12)

**4-<sup>i</sup>butyl-3-(3-methoxyphenyl)-2-oxazolidinone (3bb):** oil; IR (neat) 1755  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 60), 192 (100), 133 (70), 77 (30)

**4-<sup>i</sup>butyl-3-(4-phenylphenyl)-2-oxazolidinone (3bc):** mp 109-110  $^{\circ}\text{C}$ ; IR (KBr) 1735  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 100)

**4-methyl-3-(4-formylphenyl)-2-oxazolidinone (3ca):** oil; IR (neat) 1748  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 100), 190 (22), 146 (86), 132 (65), 77 (54), 51 (25)

**4-methyl-3-(3-methoxyphenyl)-2-oxazolidinone (3cb):** oil; IR (neat) 1748  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 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  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$ , 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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 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  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 100), 132 (100), 77 (27), 51 (13)

**5-methyl-3-(3-methoxyphenyl)-2-oxazolidinone (3db):** oil; IR (neat) 1747  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 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  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 89), 180 (100), 152 (89)

**4-(2-oxo-[1,3]oxazinan-3-yl)-benzaldehyde**: mp 184-186 °C; IR (KBr) 1686  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 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  $\text{cm}^{-1}$ ;  $^1\text{H}$  NMR  $\delta$  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);  $^{13}\text{C}$  NMR  $\delta$  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 ( $\text{M}^+$ , 90), 181 (100), 152 (71)