***Spectral Data of Isolated Compounds***

**Compound AS-1**

Yellow solid; mp 178-179 0C; UV (CH3OH) *λ*max 384 nm; IR (neat) *υ* 3070 (=C-H.), 2922, 2851, 1670 ( >C=O), 1614, 1580 (C=C, aromatic), 1377, 1329, 1209, 1161, 1136 (C-O) cm-1; 1H NMR (CDCl3) δ 6.85 (1H, s, H-5), 6.57 (1H, s , H-4), 6.38 (1H, s , H-2), 6.26 (1H, s , H-8), 3.95 (3H, s , -OCH3 at C-1), 3.90 (3H, s , -OCH3 at C-3), 2.48 (3H, s , -CH3 at C-7) ppm; 13C NMR (CDCl3) δ 182.8 (C-9), 166.6 (C-6), 161.4 (C-3), 159.0 (C-1) , 156.5 (C-12), 155.8 (C-11), 141.2 (C-13), 110.2 (C-8), 108.8 (C-7), 105.8 (C-5), 104.8 (C-10), 97.9 (C-4), 97.0 (C-2), 55.8 (-OCH3) 55.4 (-OCH3) 20.5(-CH3); MS (m/z) 286 (M+, base peak), 270, 257, 243, 228, 214, 199, 185, 129, 115, 77, 69, 51.

**Compound AS-2**

Yellow solid; mp 203-205 0C; UV (CH3OH) *λ*max 352, 301, 262, 232 nm; IR (neat) *υ* 3335 (br. O-H.), 3028 (ar. C-H.), 2922, 2851, 1699 (>C=O), 1607, 1564, 1510 (ar. C=C), 1288, 1261, 1138, 1016 (C-O) cm-1; 1H NMR (CDCl3) δ 7.58 (1H, d, J = 9.6 Hz, H-4), 6.91 (1H, s, H-8), 6.83 (1H, s, H-5), 6.26 (1H, d, J = 9.6 Hz , H-3), 6.13 (1H, s, -OH), 3.94 (3H, s, -OCH3 at C-6); 13C NMR (CDCl3) δ 161.4 (C-2), 150.2 (C-7), 149.6 (C-9), 144.0 (C-6), 143.2 (C-4), 113.4 (C-3), 111.5 (C-10), 107.4 (C-5), 103.2 (C-8), 56.4 (-OCH3); MS (m/z) 192 (M+, base peak), 177, 164, 149, 121, 79, 69, 65, 51.

**Compound AS-3**

Yellow amorphous solid; mp 175-176 0C; UV (CH3OH) *λ*max 409, 315 nm; IR (neat) *υ* >3000 (=C-H), 2936, 2827, 1639 (>C=O), 1589, 1553, 1502, 1454 (C=C, aromatic), 1250, 1182,1138, 1105, 1057 (C-O) cm-1; 1H NMR (CDCl3) δ 8.44 (1H, d, J = 8.0 Hz, H-8), 7.71 (1H, t , J = 7.6, 8.0 Hz , H-6), 7.50 (1H, d, J = 8.0 Hz , H-5), 7.29 (1H, t, J = 8.0 & 7.6 Hz , H-7 ), 6.27 (1H, s , H-2), 4.01 (3H, s, -OCH3 at C-1), 3.92 (3H, s, -OCH3 at C-4 ) , 3.83 (3H, s, -OCH3 at C-3 ); 13C NMR (CDCl3) δ 180.8 (C-9), 159.3 (C-1), 156.2 (C-11), 142.0 (C-12), 140.5 (C-3), 133.9 (C-6), 130.2 (C-4), 126.6 (C-8), 121.5 (C-7), 120.8 (C-13), 114.5 (C-5), 105.8 (C-10), 86.7 (C-2), 60.8 (-OCH3 at C-4), 56.0 (-OCH3 at C-1), 34.1 (-OCH3 at C-3); MS (m/z) 286 (M+), 285, 270 (base peak), 242, 199, 170, 143, 128, 115, 86, 77, 63, 51.

**Compound AS-4**

Light yellow solid; mp 178-179 0C; UV (CH3OH) *λ*max 345, 307, 253, 222 nm; IR (neat) *υ* >3000 (=C-H.), 2928, 2868, 1730 (>C=O), 1684 (>C=O), 1626 (C=C, aromatic), 1395, 1296, 1211, 1146, 1101 (C-O) cm-1; 1H NMR (CDCl3) δ 8.02 (1H, s, H-5), 7.66 (1H, d , J = 9.6 Hz , H-4), 6.83 (1H, s, H-10), 6.29 (1H, d, J = 9.6 Hz , H-3), 2.76 (2H, s, H-7), 1.48 (6H, s, 2 CH3 at C-8); 13C NMR (CDCl3) δ 190.8 (C-6), 162.4 (C-2), 159.9 (C-11), 159.3 (C-14), 143.3 (C-4), 127.3 (C-5), 117.6 (C-13), 114.6 (C-3), 113.3 (C-12), 105.6 (C-10), 80.7 (C-8), 48.6 (C-7), 26.7(2 CH3); MS (m/z) 244 (M+), 229 (base peak), 201, 189, 160, 132, 104, 91, 76, 69.