Supplemental data 1. The structure of compound 1

Element analysis: C 74.6%, H 6.5%; FTIR (KBr, cm^{-1}) 3437, 2965, 2925, 1637, 1603, 1560, 1444, 1342, 1288, 1213, 1163 cm^{-1}; UV λmax (nm) 378, 305, 262 (CH_3OH): 451, 348, 251 (CH_3ONa): 379, 313, 315 (NaOAc): 386, 310, 253; MS m/z:339 ($[M+H]^+$), 297, 283, 191, 121, 107; ^1H NMR (400 MHz, $CDCl_3$), δ(ppm): 6.59 (H-3), 9.52 (OH, H-4), 7.56 (H-6), 7.64 (H-α), 8.02 (H-β), 7.97 (H-2'), 6.93 (H-3'), 9.52 (H-4', OH), 6.93 (H-5'), 7.97 (H-6'), 6.27 (H-2"), 5.12, 5.07 (H-3"), 1.45 (H-4"), 1.45 (H-5"), 3.85 (OCH_3); ^{13}C NMR (100 MHz, $CDCl_3$), δ (ppm): 115.8 (C-1), 159.7 (C-2), 101.0 (C-3), 160.0 (C-4), 126.8 (C-5), 129.3 (C-6), 119.4 (C-α), 140.0(C-β), 131.5 (C-1'), 131.7 (C-2'), 116.0 (C-3'), 162.3 (C-4'), 116.0 (C-5'), 131.7(C-6'), 40.6 (C-1"), 148.6 (C-2"), 110.8 (C-3"), 27.4(C-4"), 27.4 (C-5"), 55.9 (OCH_3), 188.5 (C=O).