Supplementary material

Physical data for compound glucopyranosyl vinylsulfone: Syrup; $[\alpha]_D$ -9º, $[\alpha]_{436}$ -16º (c1, H_2O); ^1H NMR (300 MHz, MeOH-d_4): 6.97 (dd, 1H, *J* = 16.7 and 10.0 Hz), 6.43 (d, 1H, *J* = 16.7 Hz), 6.30 (d, 1H, *J* = 10.0 Hz), 4.78 (s, 3H), 4.34 (d, 1H, *J* = 9.5 Hz), 3.86 (dd, 1H, *J* = 12.5 and 2.0 Hz), 3.69 (t, 1H, *J* = 9.1 Hz), 3.68 (dd, 1H, *J* = 12.6 and 5.3 Hz), 3.45 (t, 1H, *J* = 8.8 Hz), 3.40 (ddd, 1H, *J* = 9.6, 5.5 and 2.1 Hz), 3.34 (s, 1H), 3.31 (t, 1H, *J* = 9.3 Hz); ^{13}C NMR (75 MHz, MeOH-d_4): 136.2, 132.4, 92.6, 82.8, 78.8, 71.0, 70.5 and 62.4; HMRS (FAB): *m/z* calcd for $C_8H_{14}O_7SNa$ $(M + Na)^+$, 277.0358; found $(M+Na)^+$, 277.0356.