

Development of a Novel Quinoline Derivative 160a as a P-glycoprotein Inhibitor to Reverse Multi-Drug Resistance in Cancer Cells

Supplementary Material

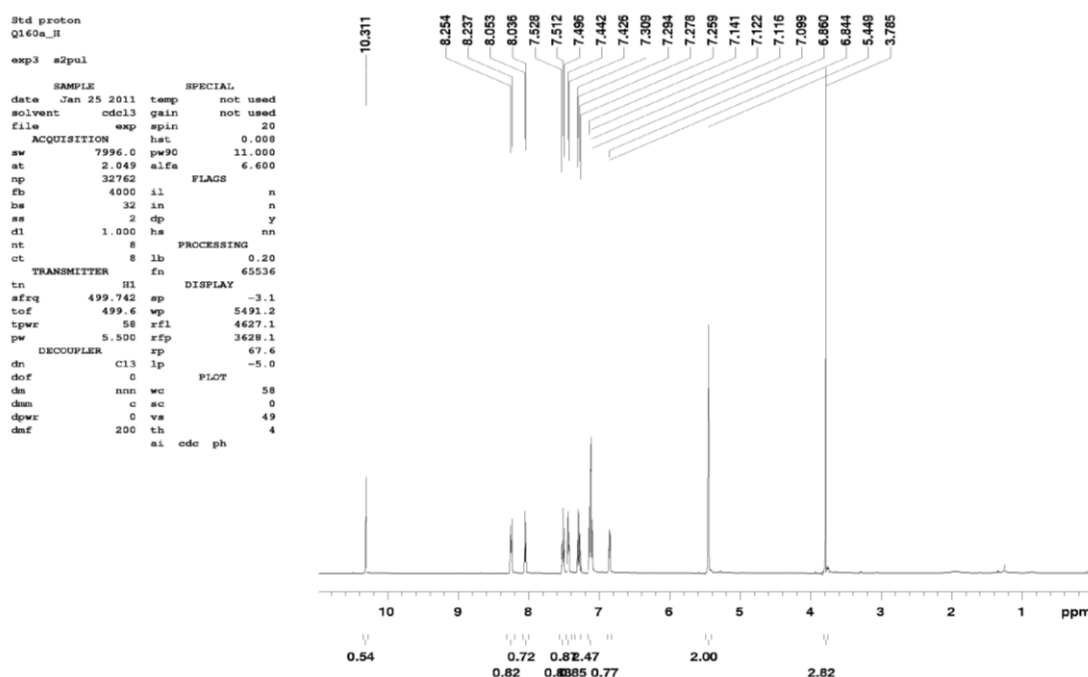


Figure S1. ^1H -NMR spectrum of compound 160a. ^1H -NMR (500 MHz, CDCl_3): δ 3.79 (s, 3H), 5.45 (s, 2H), 6.85 (d, 1H, $J = 8.0$ Hz), 7.12 (t, 3H, $J = 8.5$ Hz), 7.29 (t, 1H, $J = 7.5$ Hz), 7.43 (d, 1H, $J = 8.0$ Hz), 7.51 (t, 1H, $J = 8.0$ Hz), 8.04 (d, 1H, $J = 8.5$ Hz), 8.25 (d, 1H, $J = 8.5$ Hz), 10.31 (s, 1H); ^{13}C -NMR (100 MHz, CDCl_3): δ 55.88, 71.63, 111.75, 113.19, 114.12, 118.45, 119.83, 120.60, 130.27, 130.38, 132.04, 137.86, 138.86, 140.95, 152.21, 155.80, 160.61, 194.51; HRMS (ESI): Calcd. for $\text{C}_{18}\text{H}_{16}\text{NO}_3$ $[\text{M}+\text{H}]^+$, 294.1130; found 294.1118; melting point = 85.6–87.0 $^\circ\text{C}$.

