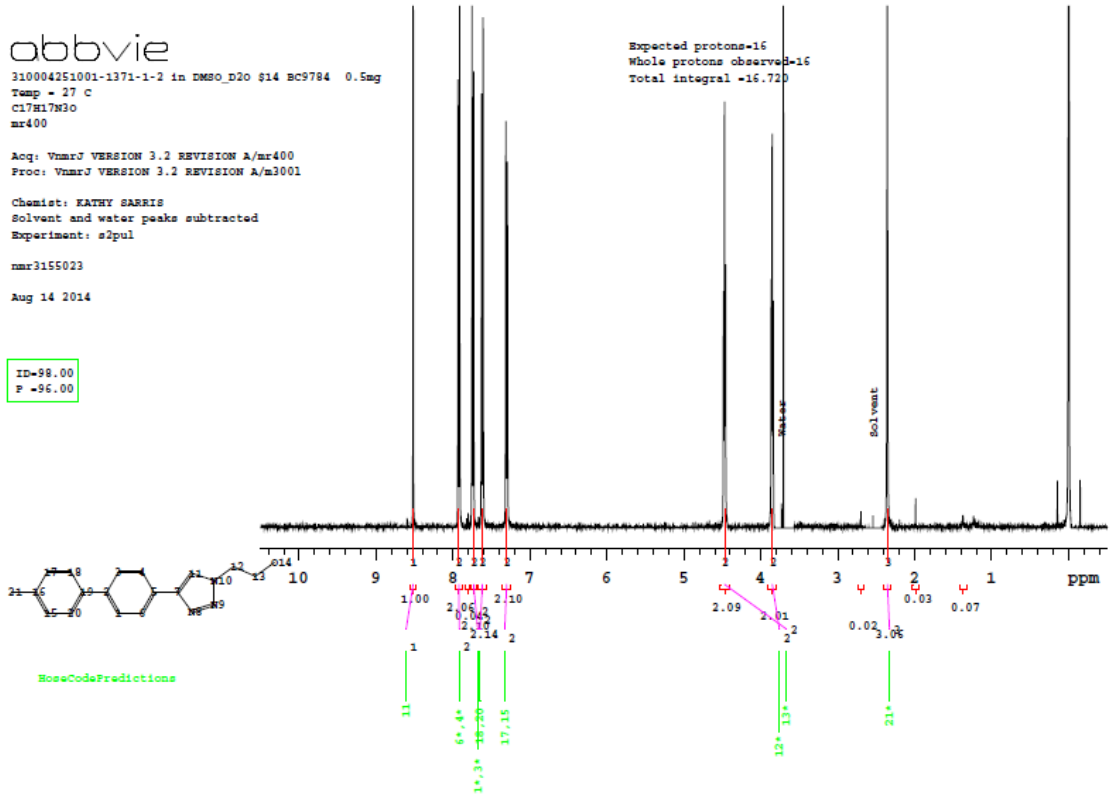
Electronic Supplementary Material (ESI) for RSC Advances.

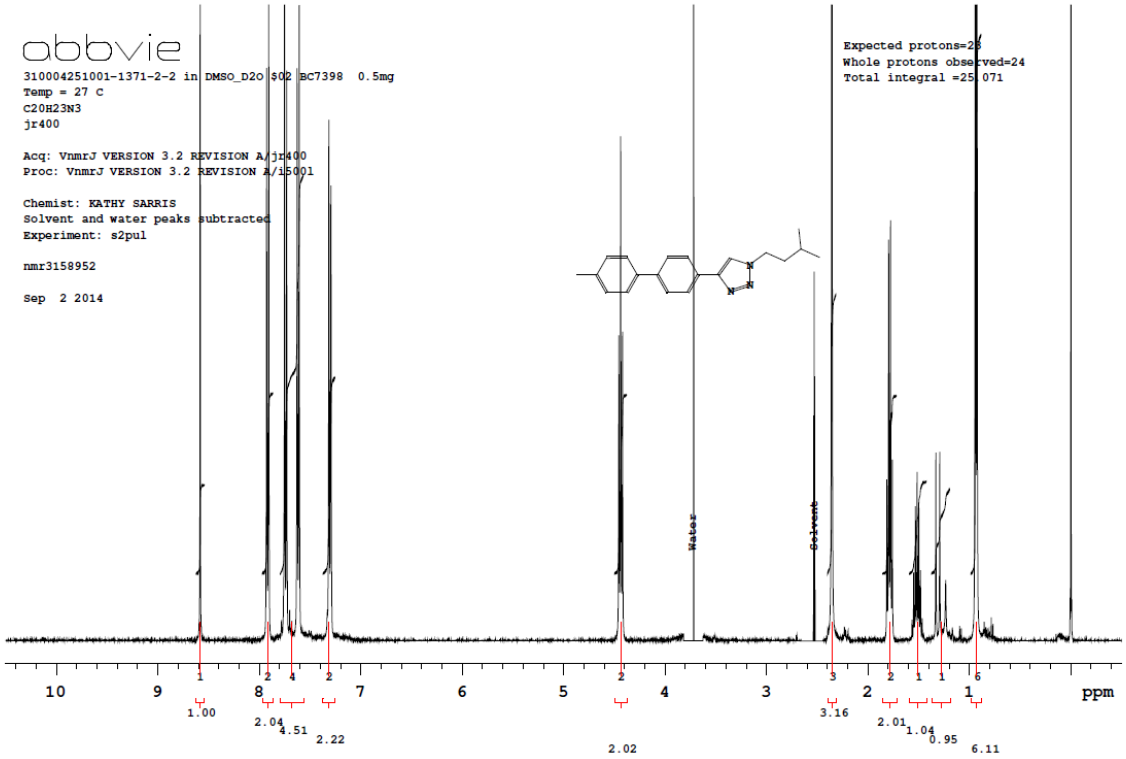
NMR DATA FOR COMPOUNDS REPORTED

Entry 1



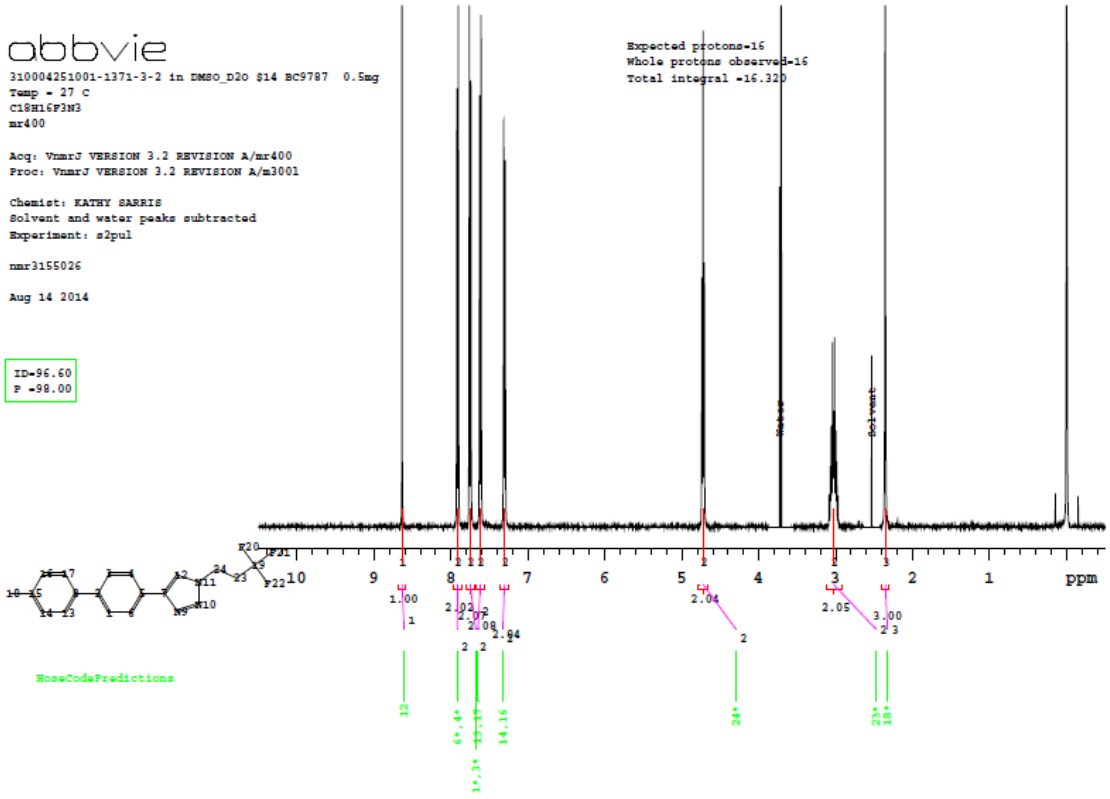
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 2.36 (s, 3H), 3.85 (t, J = 5.4 Hz, 2H), 4.47 (t, J = 5.4 Hz, 2H), 7.30 (d, J = 8.0 Hz, 2H), 7.62 (d, 2H), 7.75 (d, 2H), 7.92 (d, 2H), 8.52 (s, 1H); MS (ESI) m/z 280 (M+H)+

Entry 2



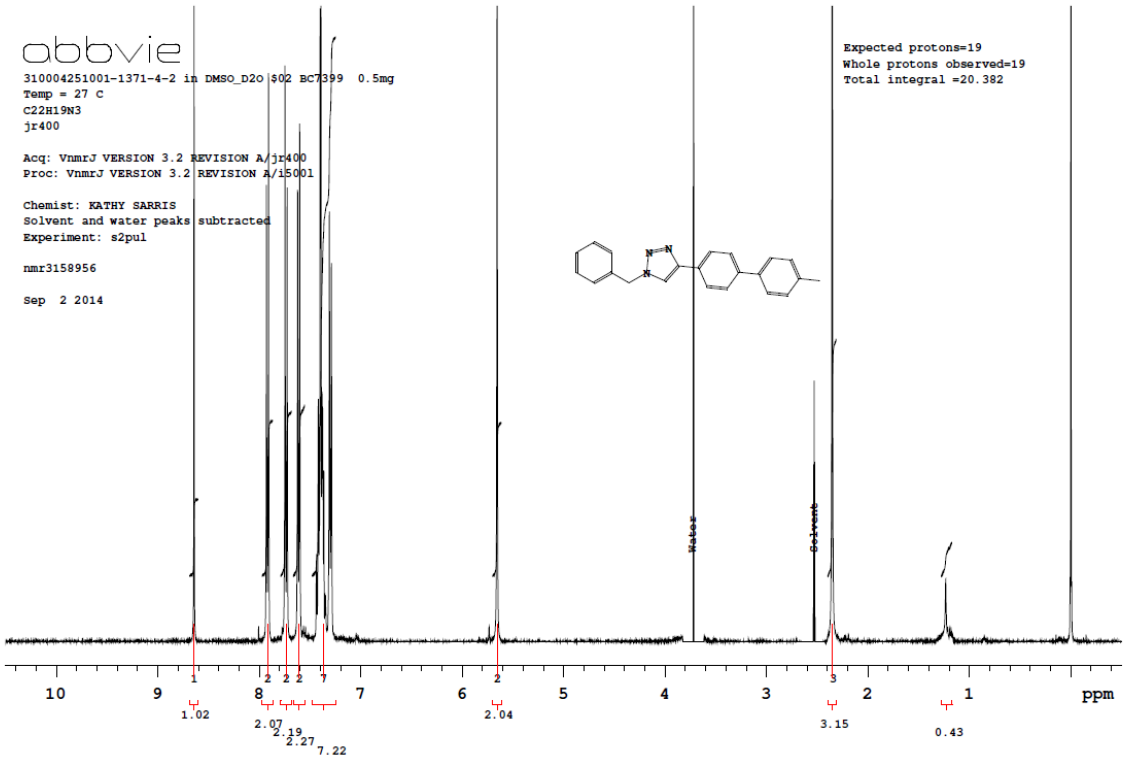
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 0.93 (d, J = 6.6 Hz, 6H), 1.47 – 1.56 (m, 1H), 1.79 (q, J = 7.2 Hz, 2H), 2.36 (s, 3H), 4.44 (t, J = 7.3 Hz, 2H), 7.30 (d, J = 7.9 Hz, 2H), 7.62 (d, J = 8.1 Hz, 2H), 7.74 (d, J = 8.3 Hz, 2H), 7.91 (d, 2H), 8.58 (s, 1H); MS (ESI) m/z 306 (M+H)+

Entry 3



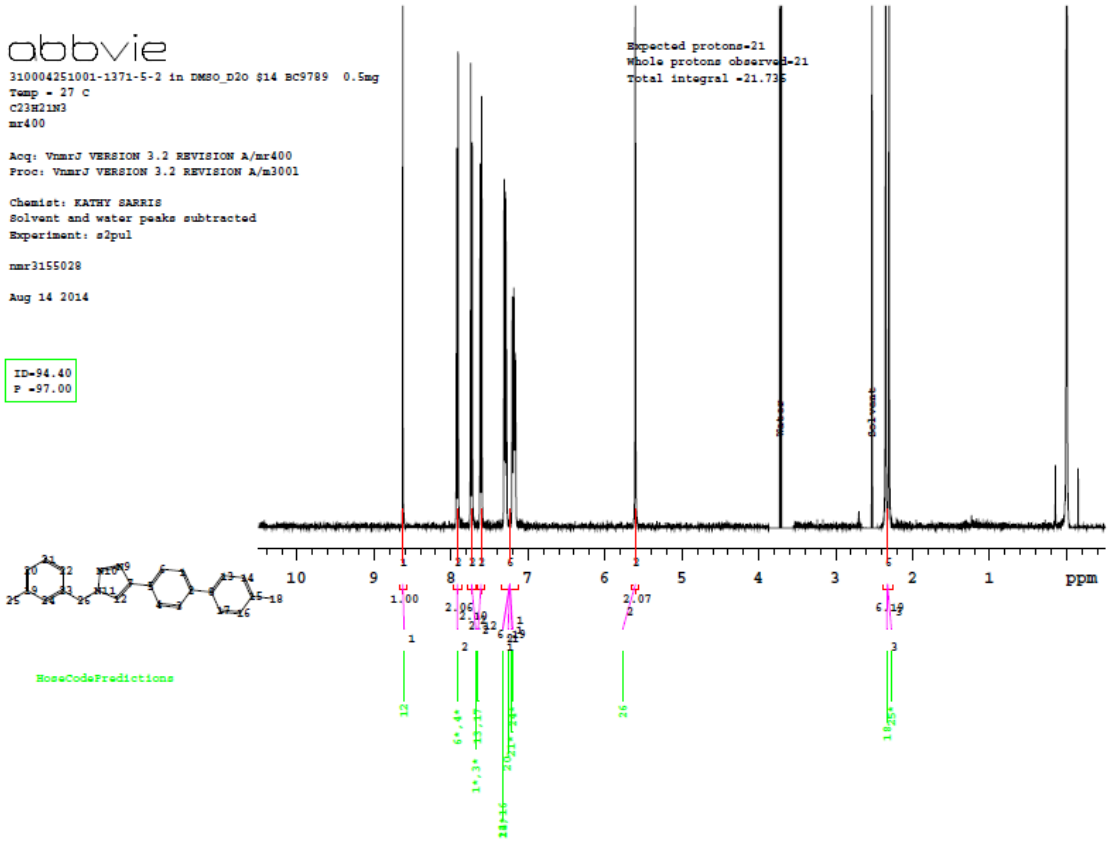
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 2.36 (s, 3H), 3.03 (qt, J = 11.0, 6.7 Hz, 2H), 4.72 (t, J = 6.7 Hz, 2H), 7.31 (d, J = 8.0 Hz, 2H), 7.62 (d, 2H), 7.76 (d, 2H), 7.91 (d, 2H), 8.64 (s, 1H); MS (ESI) m/z 332 (M+H)+

Entry 4



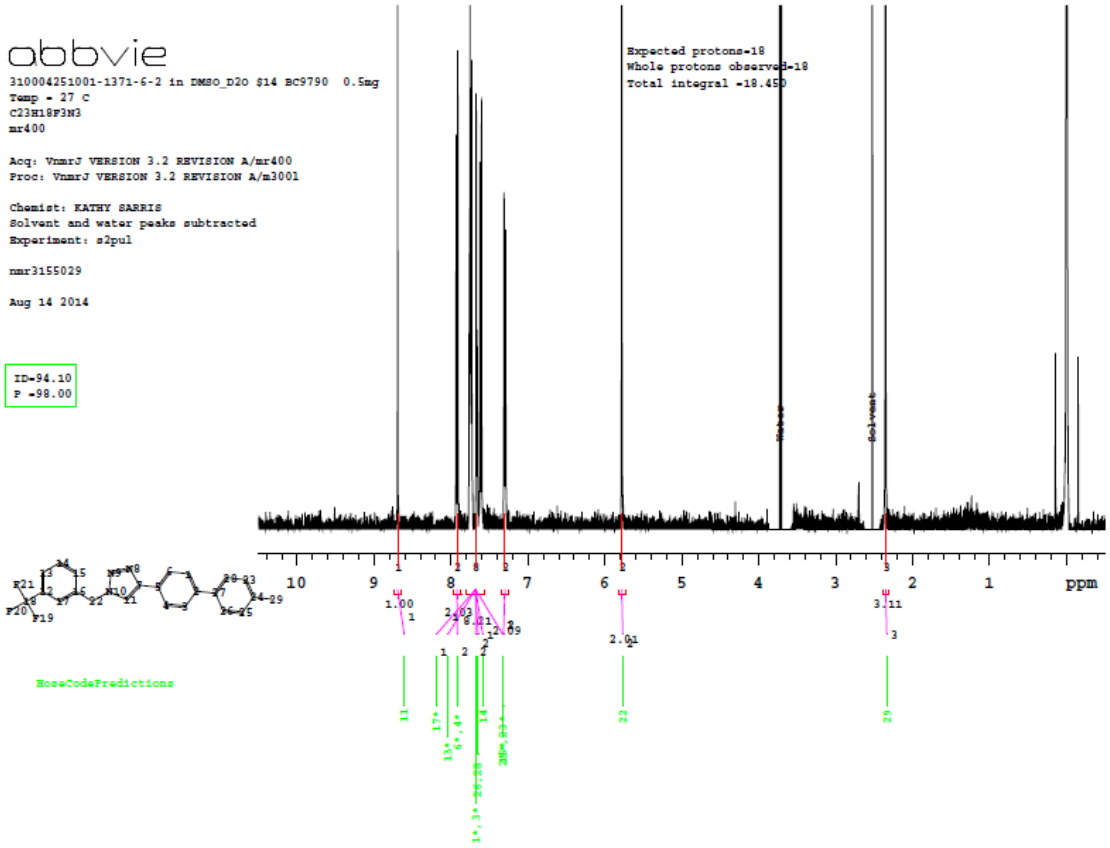
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 2.35 (s, 3H), 5.66 (s, 2H), 7.30 (d, J = 8.0 Hz, 2H), 7.34 – 7.47 (m, 5H), 7.61 (d, J = 7.9 Hz, 2H), 7.74 (d, J = 8.3 Hz, 2H), 7.92 (d, J = 8.2 Hz, 2H), 8.64 (s, 1H); MS (ESI) m/z 326 (M+H)+

Entry 5



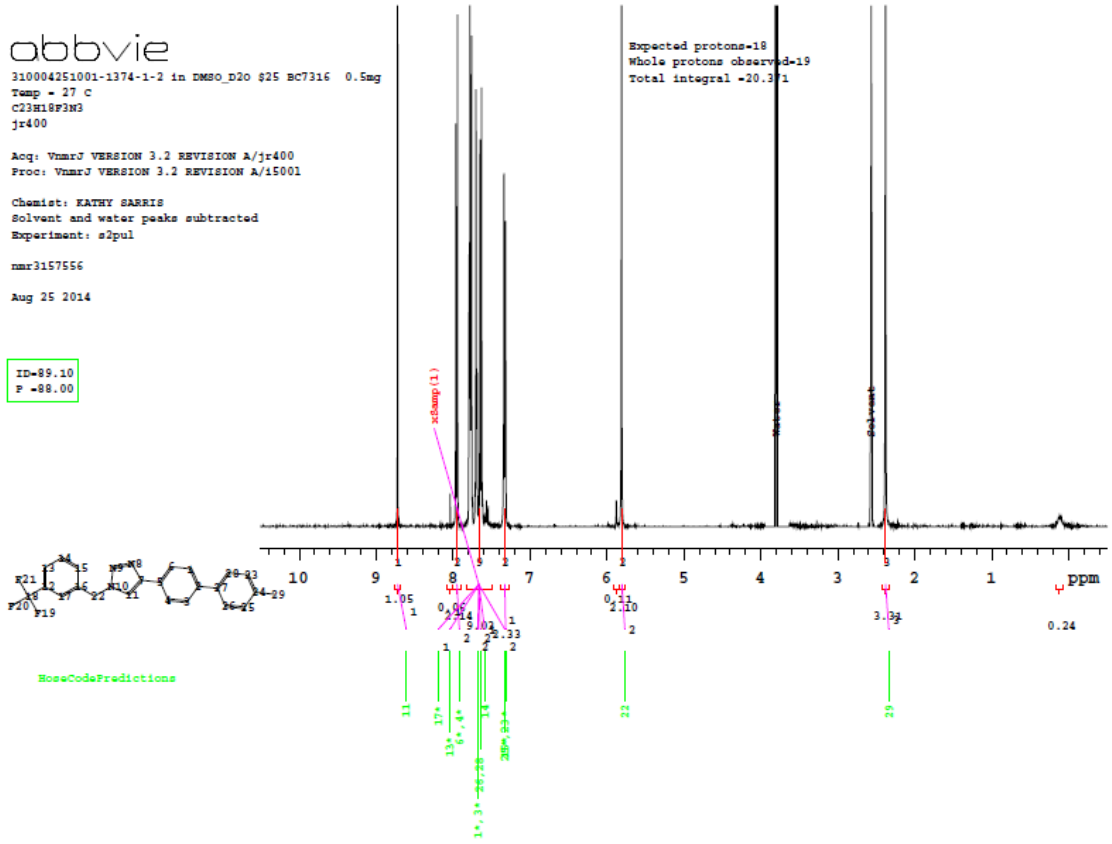
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 2.31 (s, 3H), 2.35 (s, 3H), 5.61 (s, 2H), 7.14 – 7.23 (m, 3H), 7.29 (dd, J = 7.7, 5.5 Hz, 3H), 7.61 (d, 2H), 7.74 (t, 2H), 7.92 (d, 2H), 8.63 (s, 1H); MS (ESI) m/z 340 (M+H)+

Entry 6



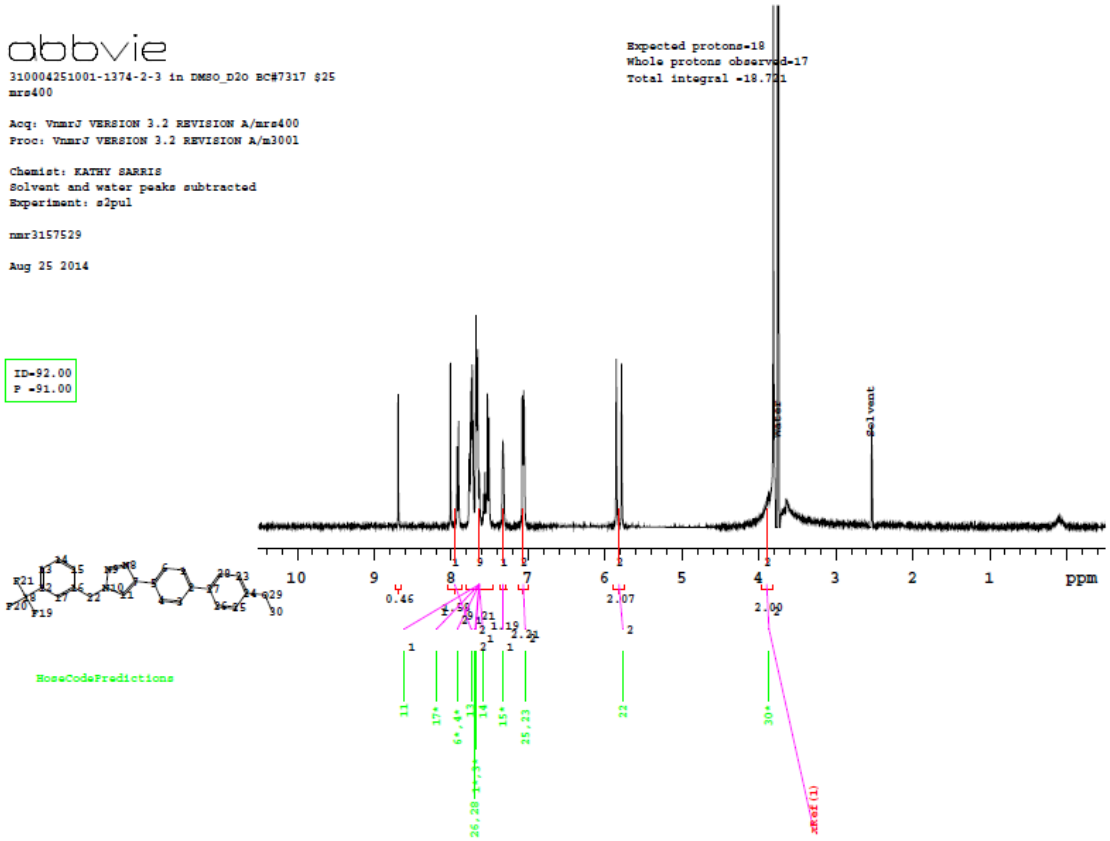
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 2.35 (s, 3H), 5.78 (s, 2H), 7.30 (d, J = 7.9 Hz, 2H), 7.61 (d, J = 8.0 Hz, 2H), 7.65 – 7.68 (m, 2H), 7.71 – 7.78 (m, 4H), 7.92 (d, J = 8.3 Hz, 2H), 8.69 (s, 1H); MS (ESI) m/z 394 (M+H)+

Entry 7



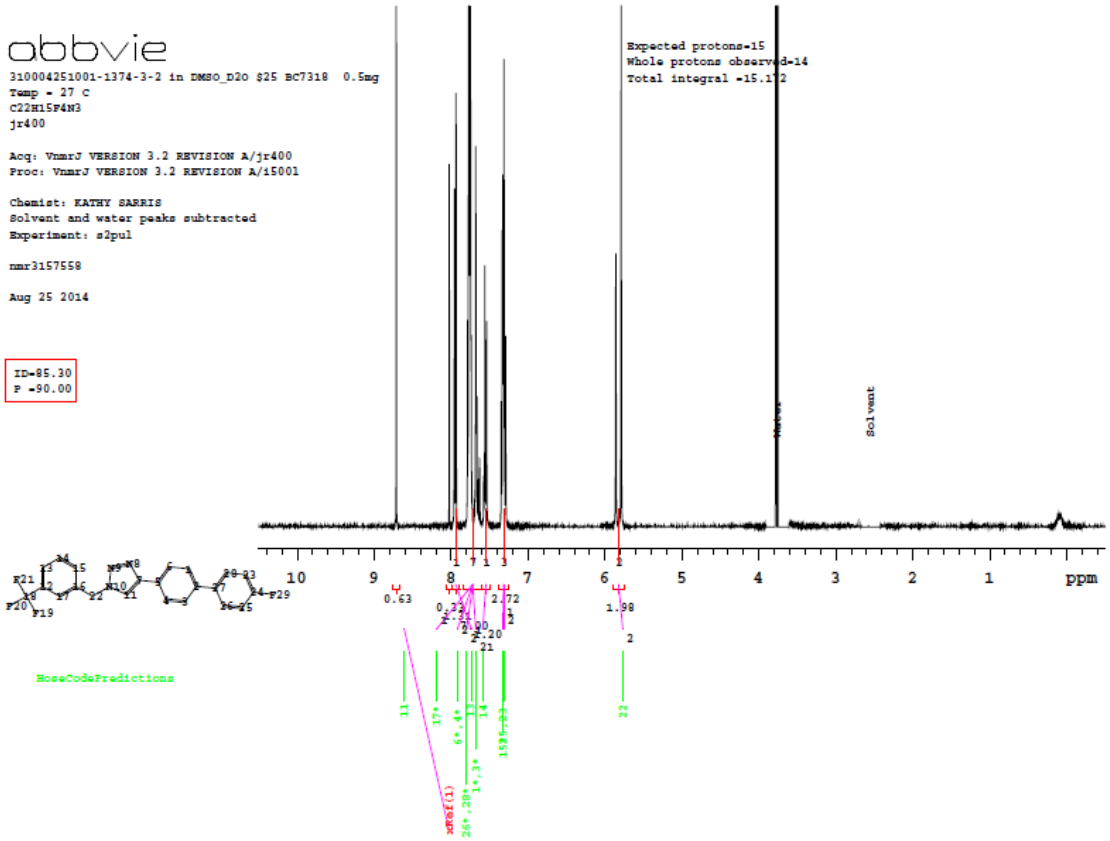
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 2.38 (s, 3H), 5.81 (s, 2H), 7.33 (d, J = 7.9 Hz, 2H), 7.64 (d, 2H), 7.68 – 7.72 (m, 2H), 7.77 (dq, J = 8.5, 2.0 Hz, 4H), 7.95 (d, 2H), 8.72 (s, 1H); MS (ESI) m/z 394 (M+H)+

Entry 8



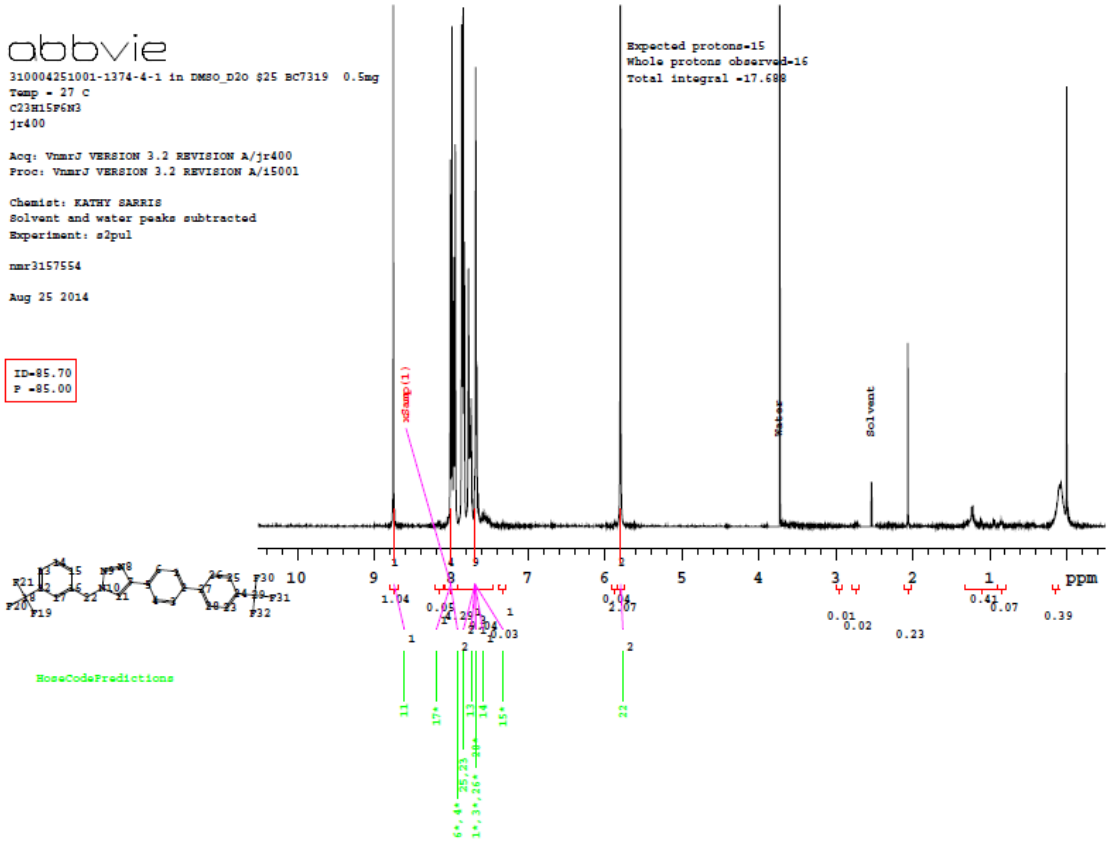
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 3.81 (s, 3H), 5.82 (d, J = 27.4 Hz, 2H), 7.06 (dd, J = 8.9, 3.2 Hz, 2H), 7.30 – 7.34 (m, 1H), 7.53 (d, 1H), 7.56 (t, J = 8.1 Hz, 1H), 7.62 – 7.78 (m, 6H), 7.92 (d, 1H), 8.35 (d, J = 271.5 Hz, 1H); MS (ESI) m/z 410 (M+H)+

Entry 9



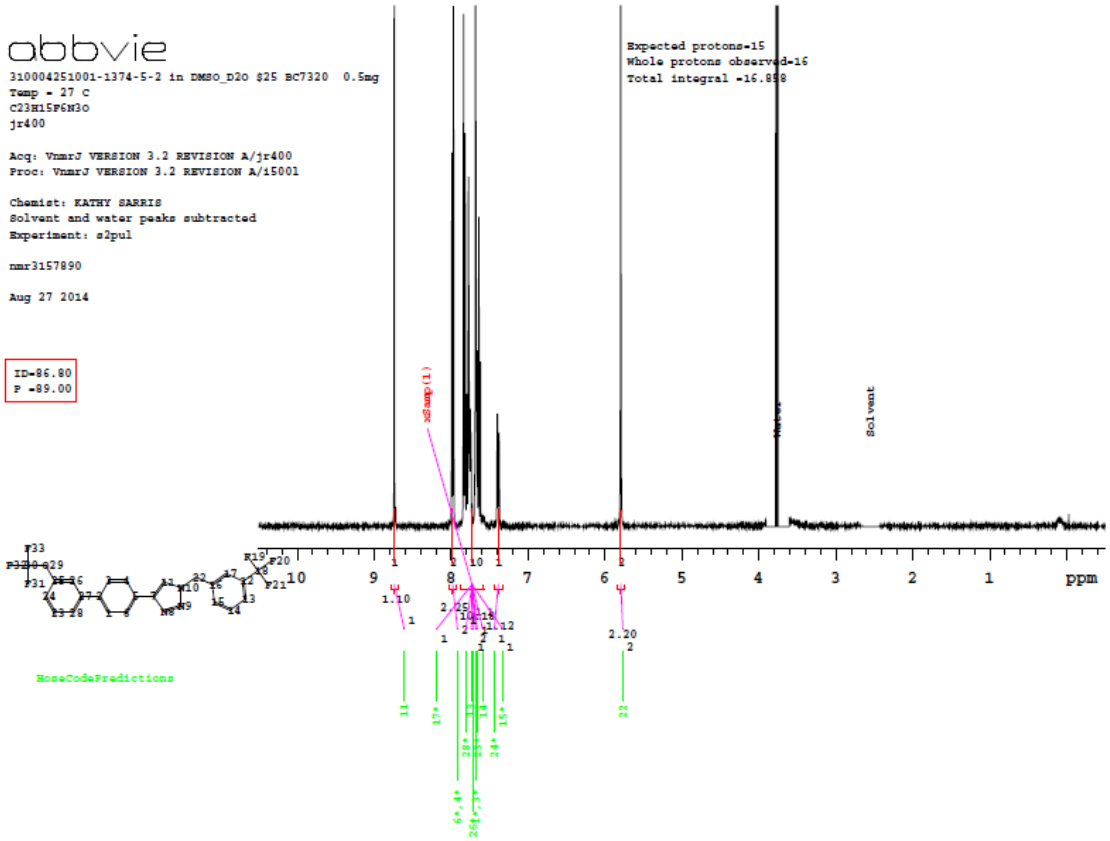
^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 5.82 (d, J = 27.6 Hz, 2H), 7.32 (td, J = 8.8, 5.8 Hz, 3H), 7.53 – 7.58 (m, 1H), 7.63 (d, 1H), 7.66 – 7.70 (m, 1H), 7.73 – 7.80 (m, 5H), 7.95 (d, J = 8.4 Hz, 1H), 8.71 (s, 1H); MS (ESI) m/z 398 (M+H)+

Entry 10



^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 5.80 (s, 2H), 7.65 – 7.70 (m, 2H), 7.75 (dd, J = 4.6, 2.2 Hz, 1H), 7.77 (s, 1H), 7.85 (dd, J = 8.3, 6.0 Hz, 4H), 7.96 (d, J = 8.2 Hz, 2H), 8.00 (d, 2H), 8.75 (s, 1H); MS (ESI) m/z 448 (M+H)+

Entry 11



^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 5.80 (s, 2H), 7.39 (dt, 1H), 7.64 (t, J = 8.0 Hz, 1H), 7.66 – 7.71 (m, 3H), 7.72 – 7.81 (m, 3H), 7.83 (d, 2H), 7.98 (d, 2H), 8.74 (s, 1H); MS (ESI) m/z 464 (M+H)+
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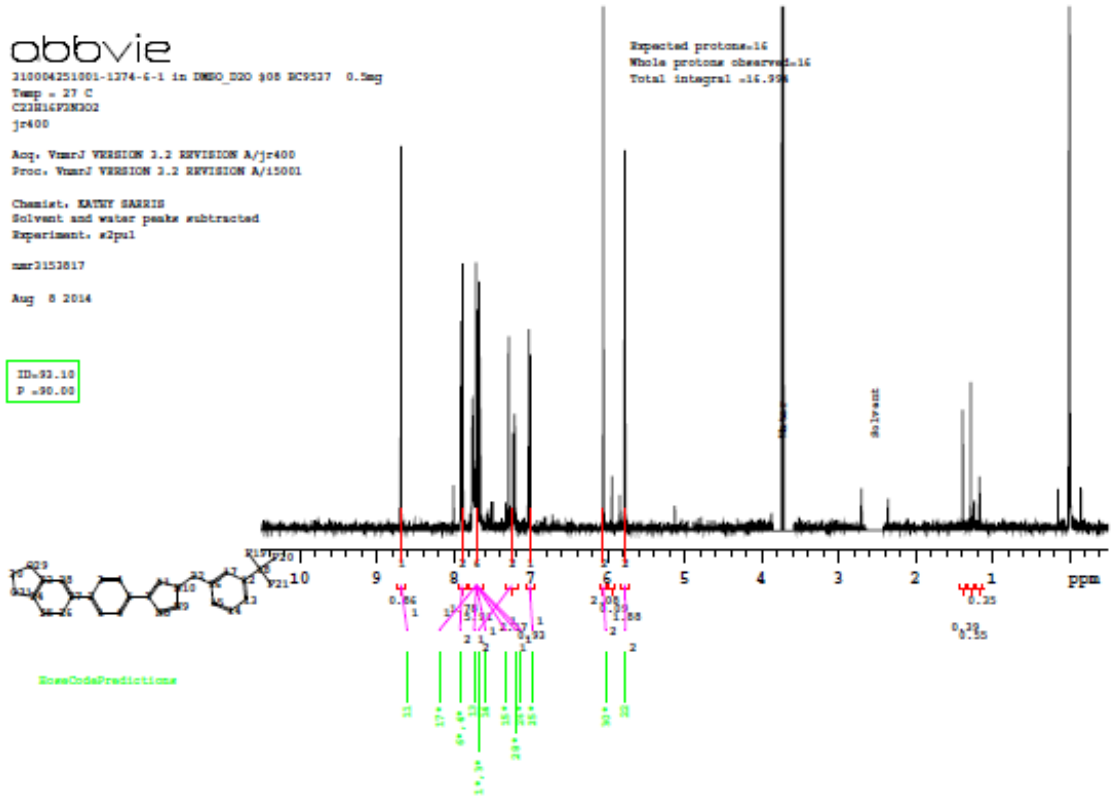
Entry 12



^{1}H NMR (500 MHz, DMSO-D_6/D_2O) δ: 5.78 (s, 2H), 6.06 (s, 2H), 7.02 (d, J = 8.1 Hz, 1H), 7.22 (dd, J = 8.2, 1.9 Hz, 1H), 7.29 (d, J = 1.8 Hz, 1H), 7.67 (dd, 2H), 7.70 (d, 2H), 7.72 – 7.78 (m, 2H), 7.90 (d, 2H), 8.69 (s, 1H); MS (ESI) m/z 424 (M+H)+