

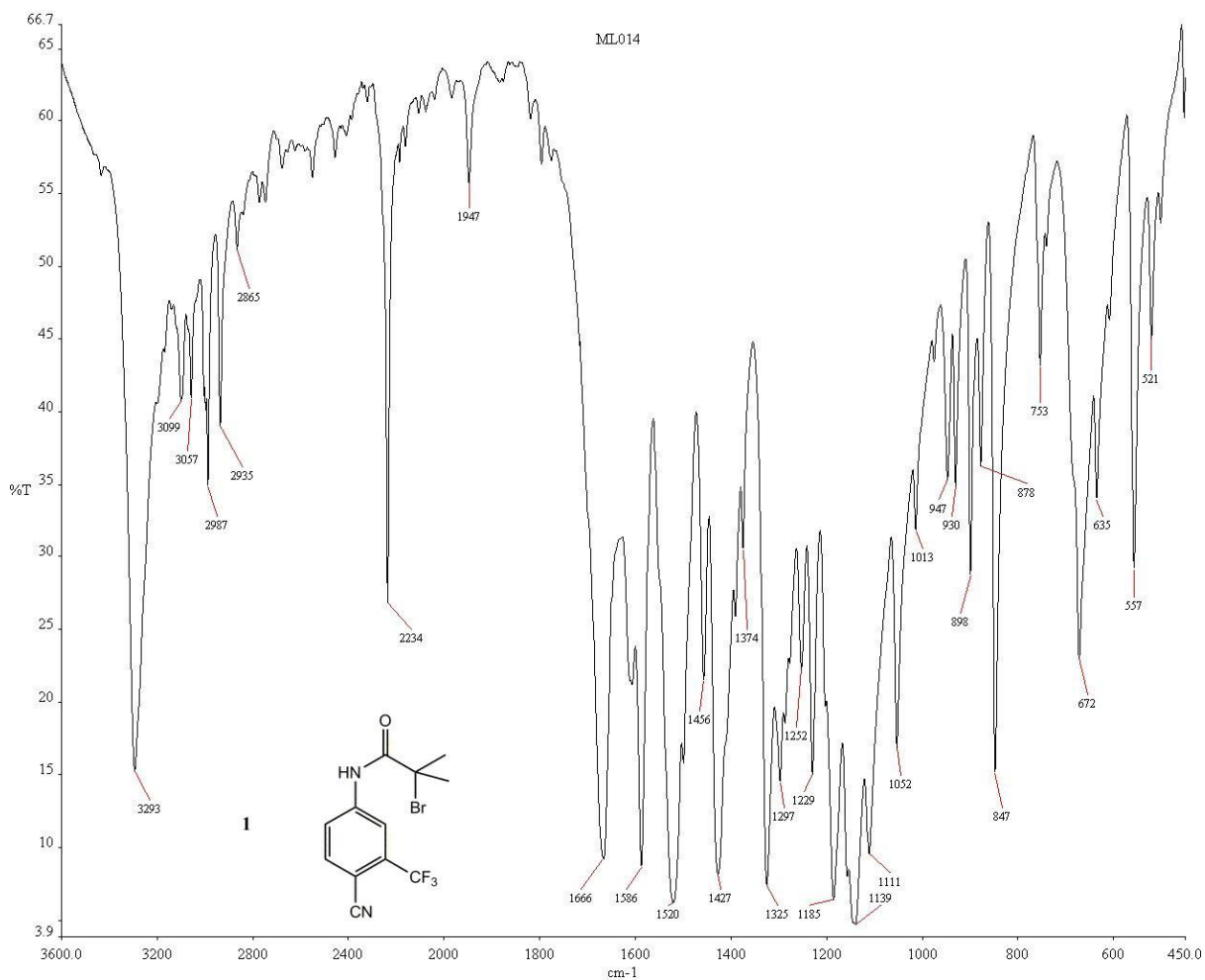
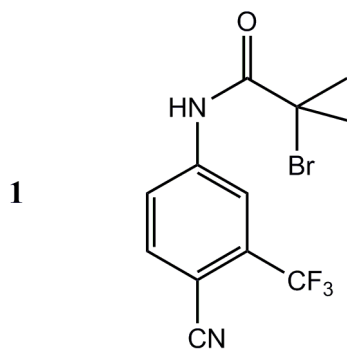
Electronic supplementary information for
Alternative synthesis of the anti-baldness compound RU58841

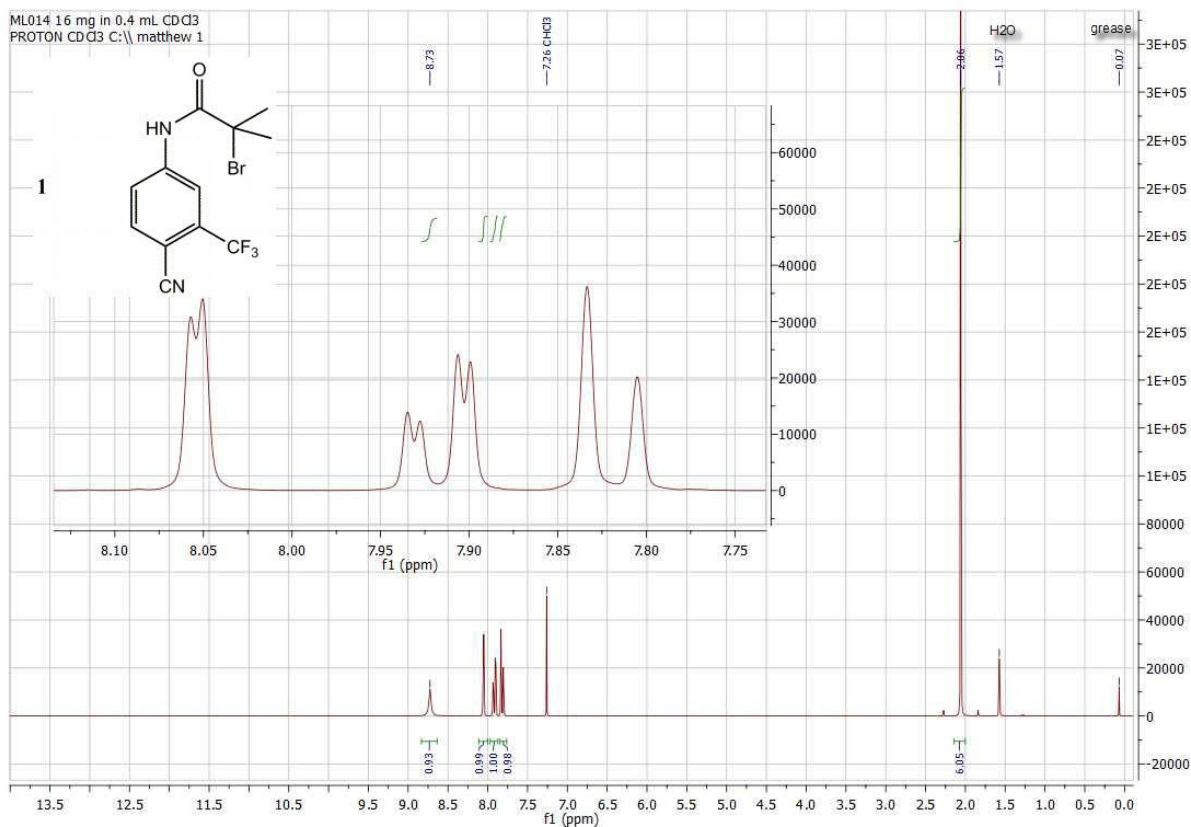
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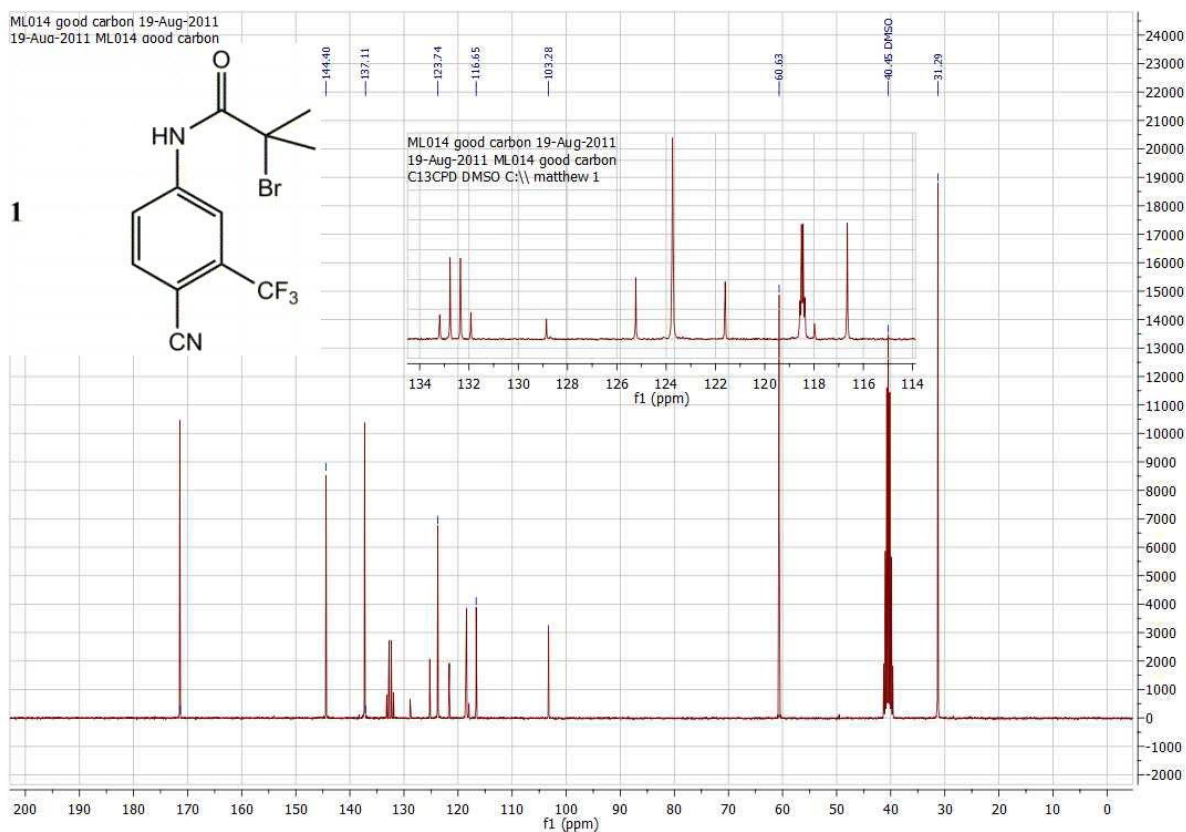
Matthew J. Leonard, Anthony R. Lingham, Julie O. Niere, Neale R. C. Jackson,

Peter G. McKay and Helmut M. Hügel



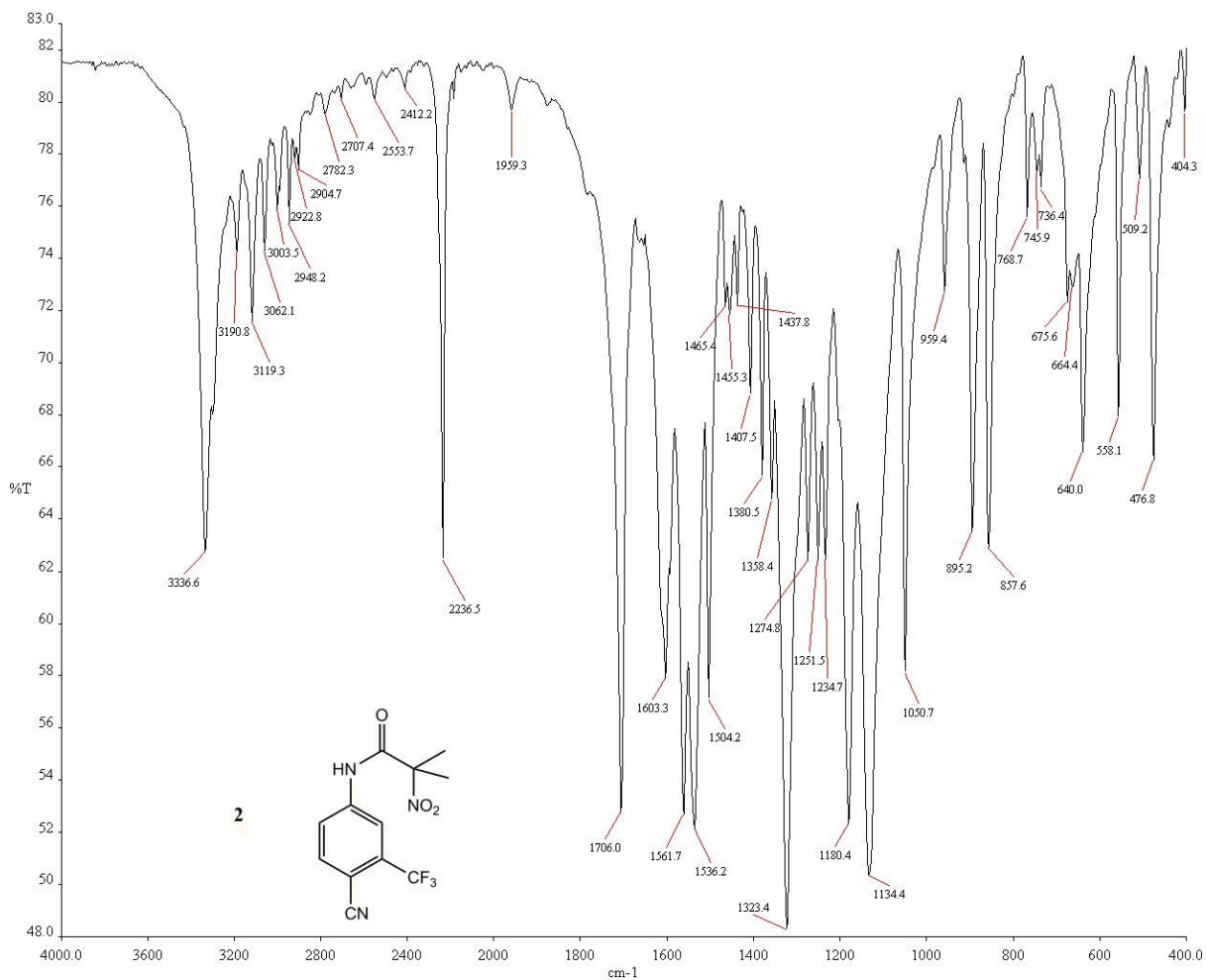
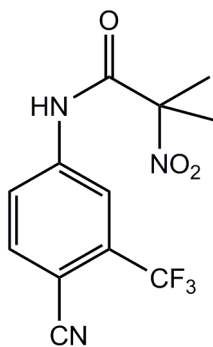


20 mg in 0.4 mL CDCl₃, 300 MHz, 256 scans

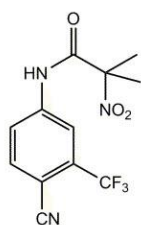


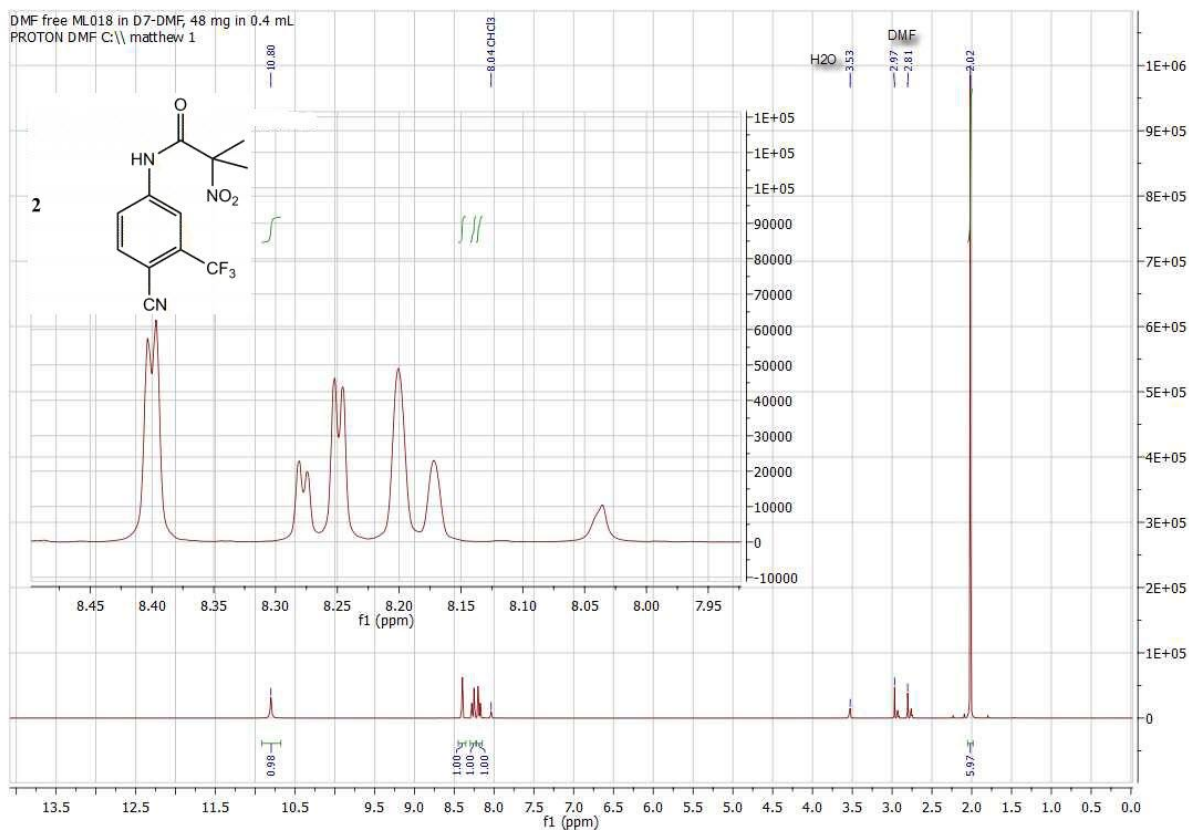
40 mg in 0.4 mL d₆-DMSO, 75 MHz, 2048 scans

2

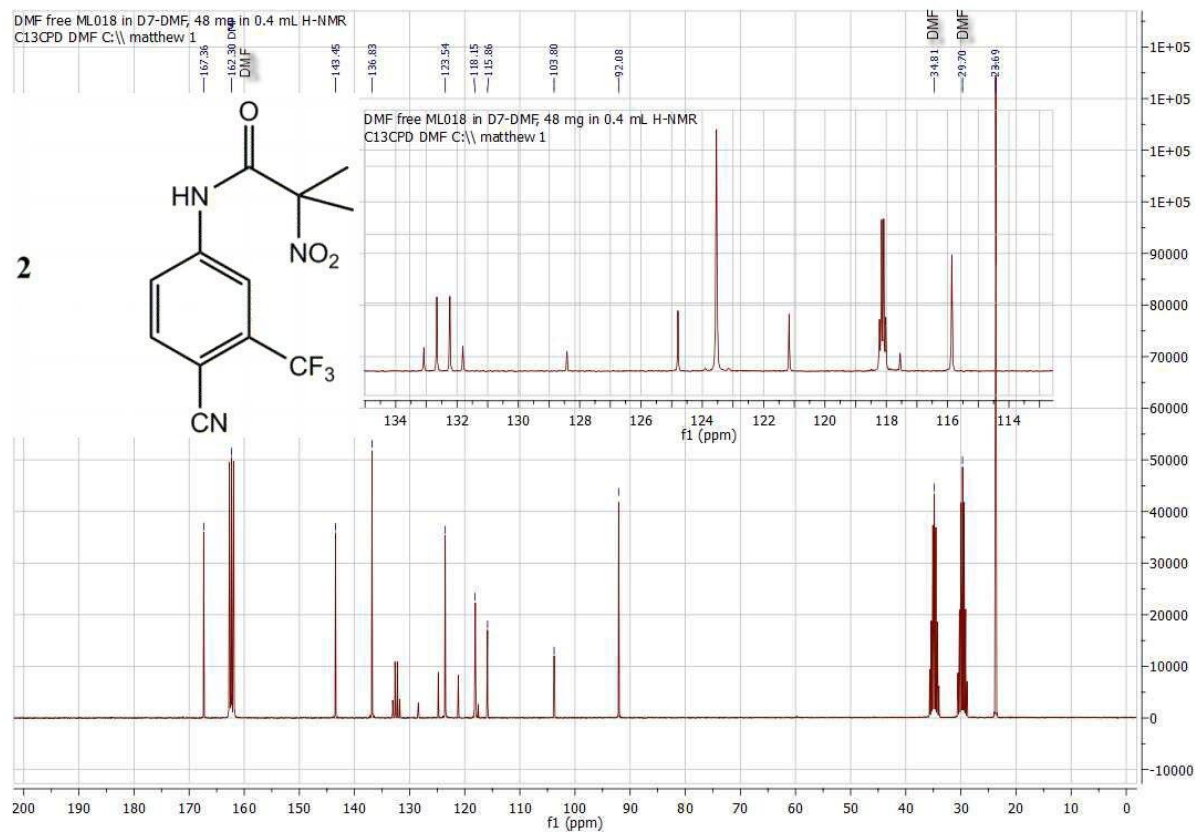


2



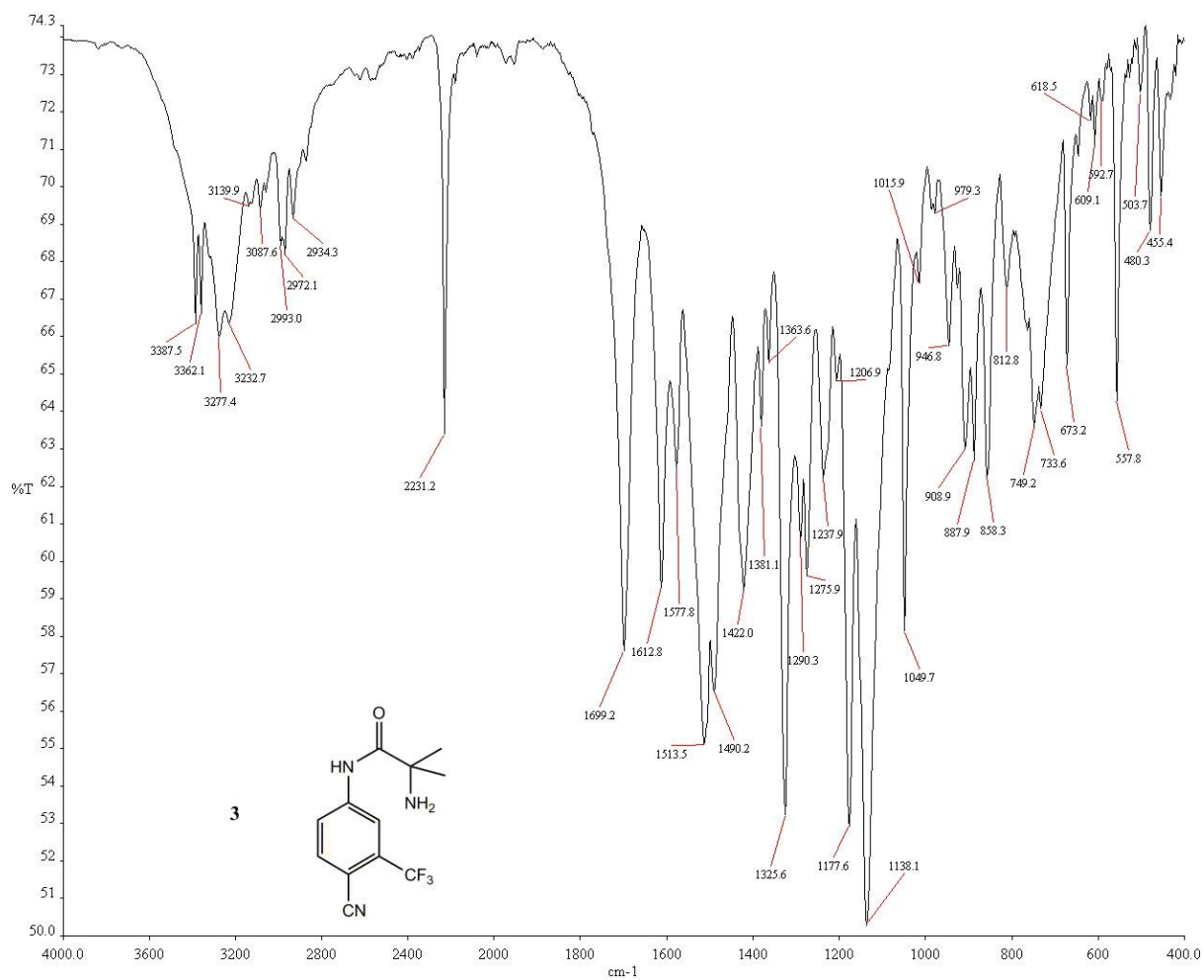
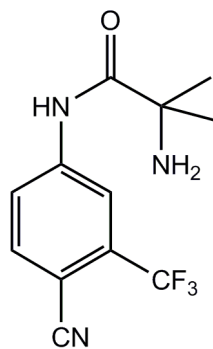


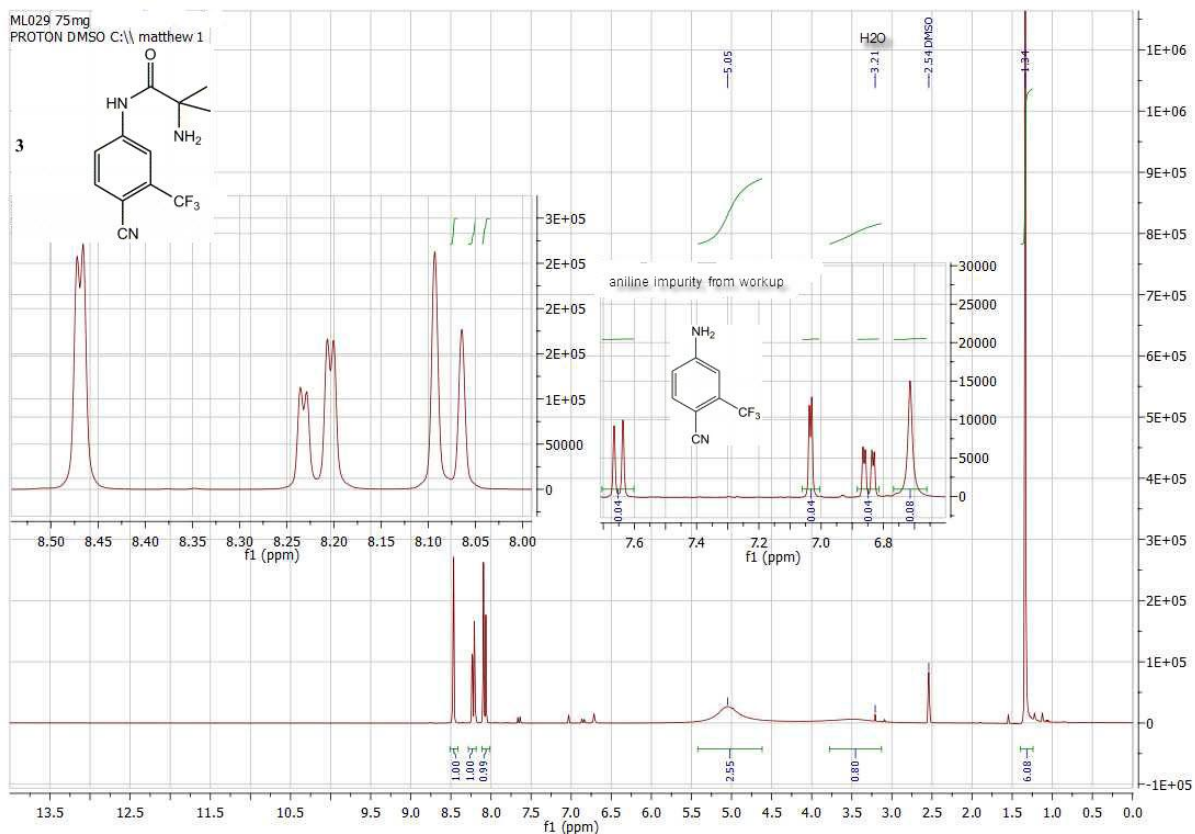
48 mg in 0.4 mL d7-DMF, 300 MHz, 256 scans



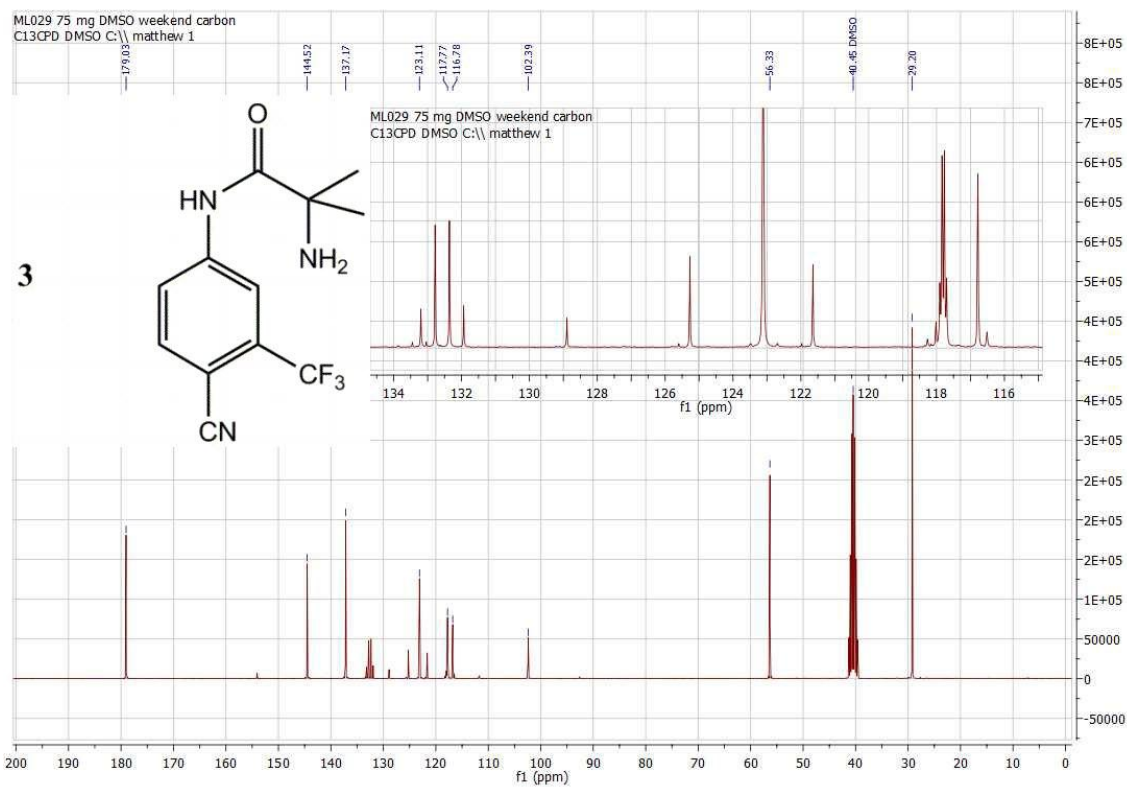
48 mg in 0.4 mL d7-DMF, 75 MHz, 20000 scans

3

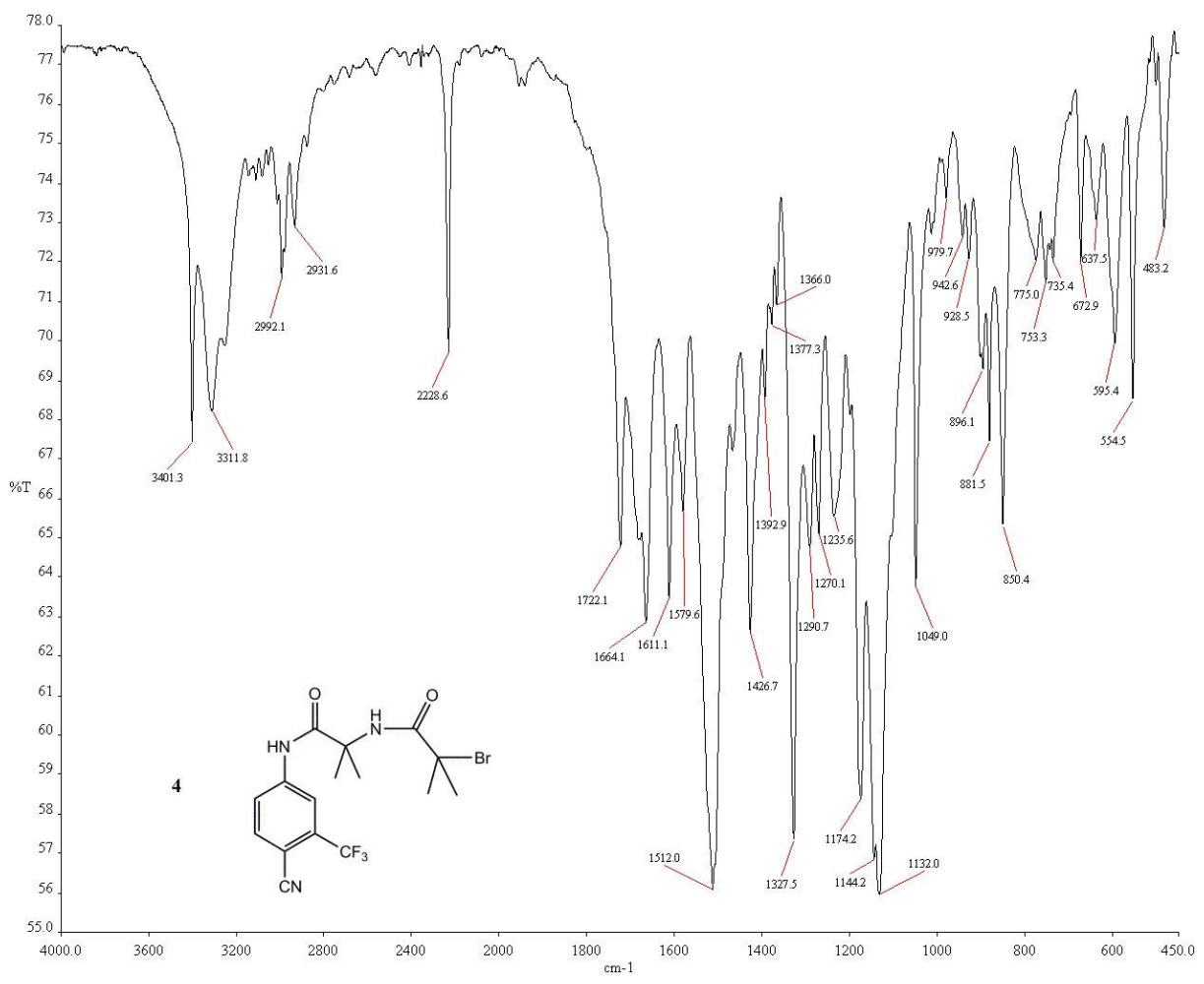
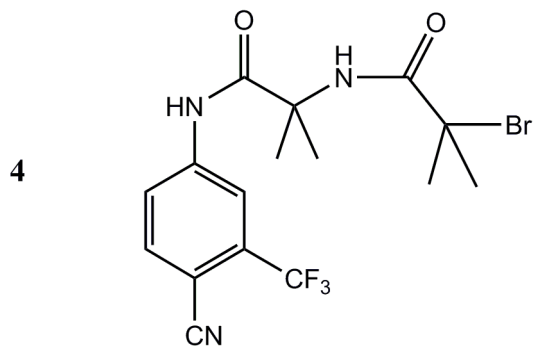


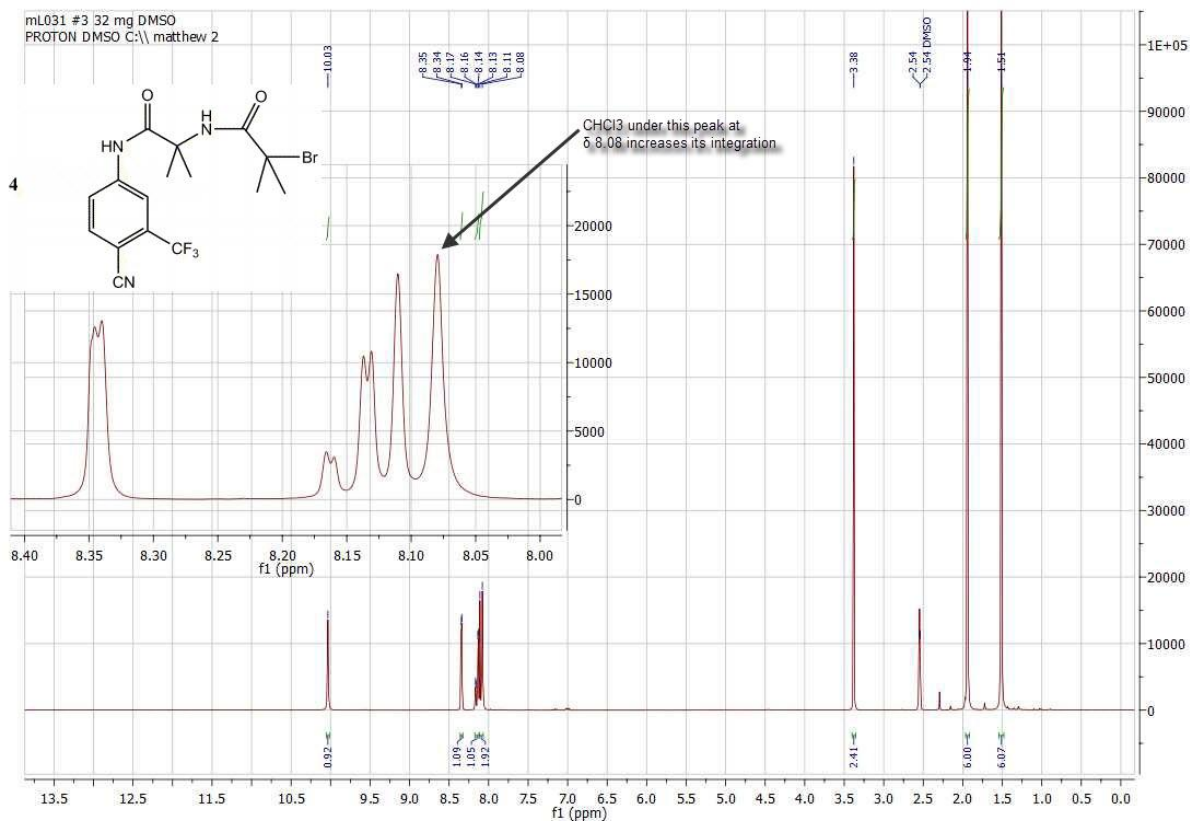


75 mg in 0.5 mL d₆-DMSO, 300 MHz, 1024 scans. The small amount of aniline impurity is due to the acid/base workup of this compound.

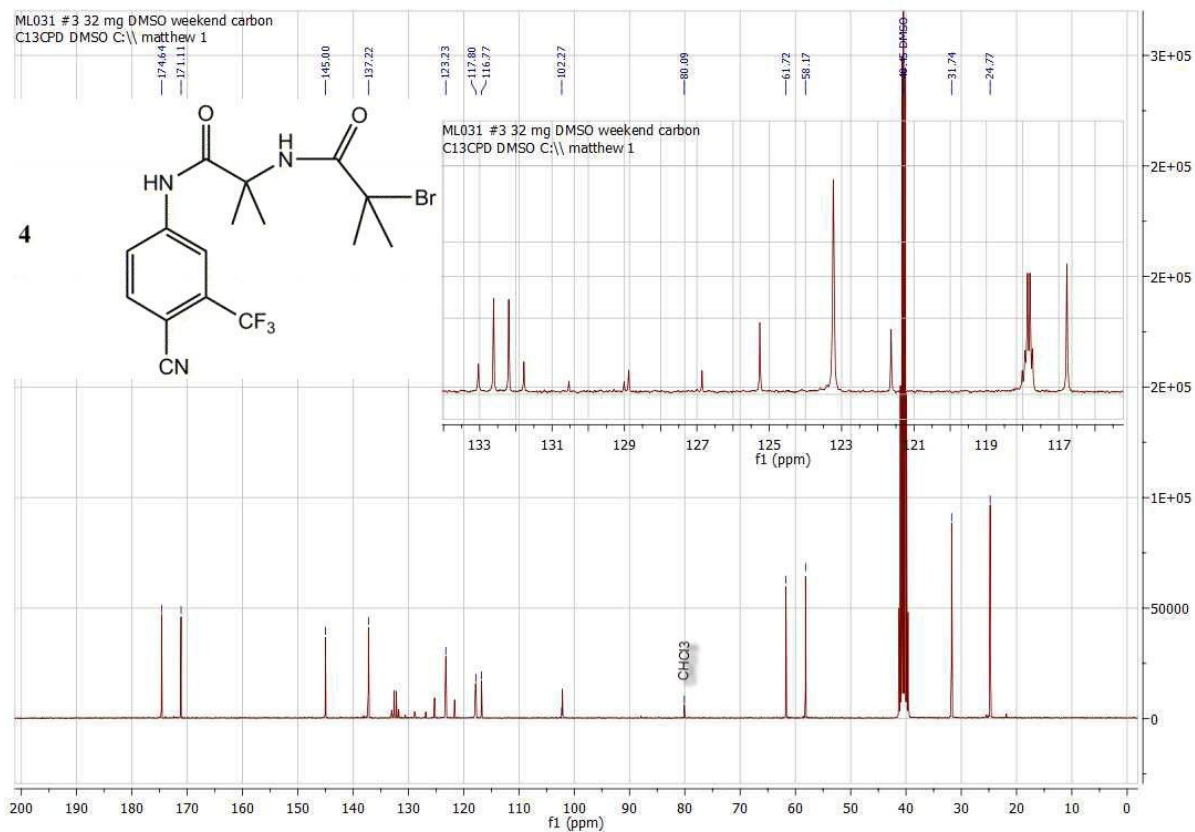


C-NMR was run using the same tube as H-NMR from above, 75 MHz, 55000 scans

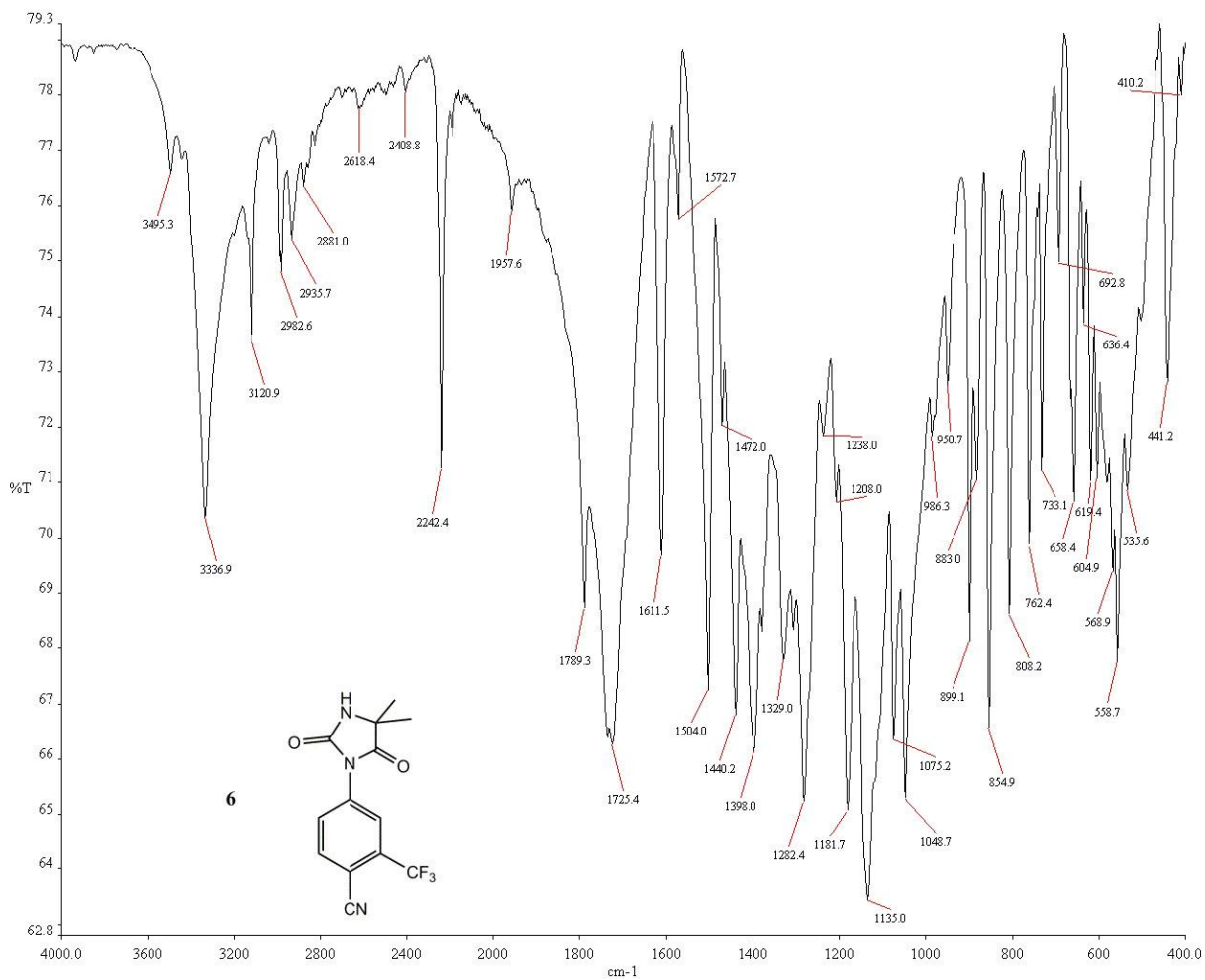
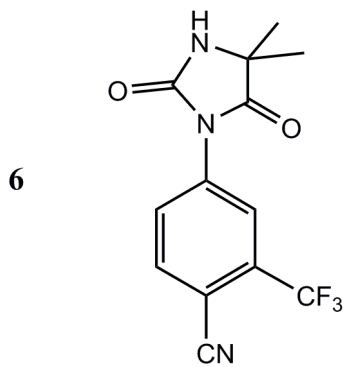


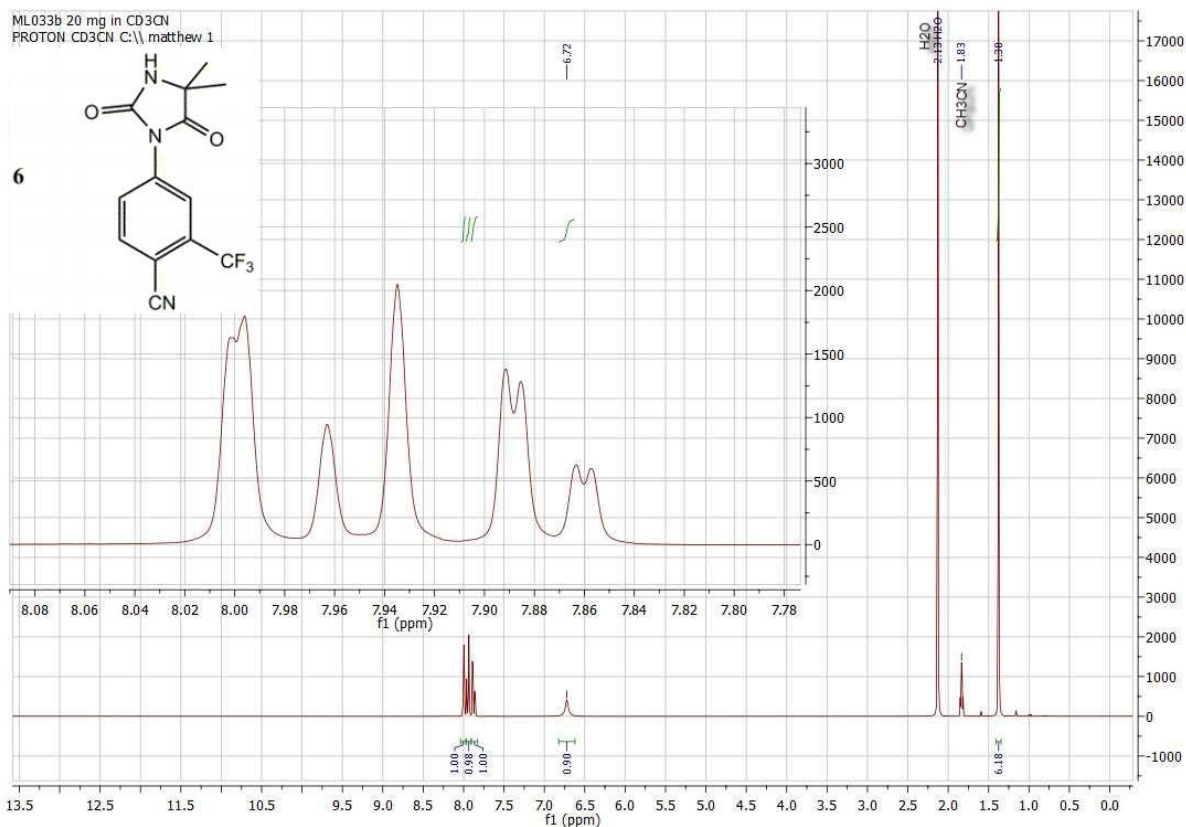


32 mg in 0.4 mL d6-DMSO, 300 MHz, 128 scans

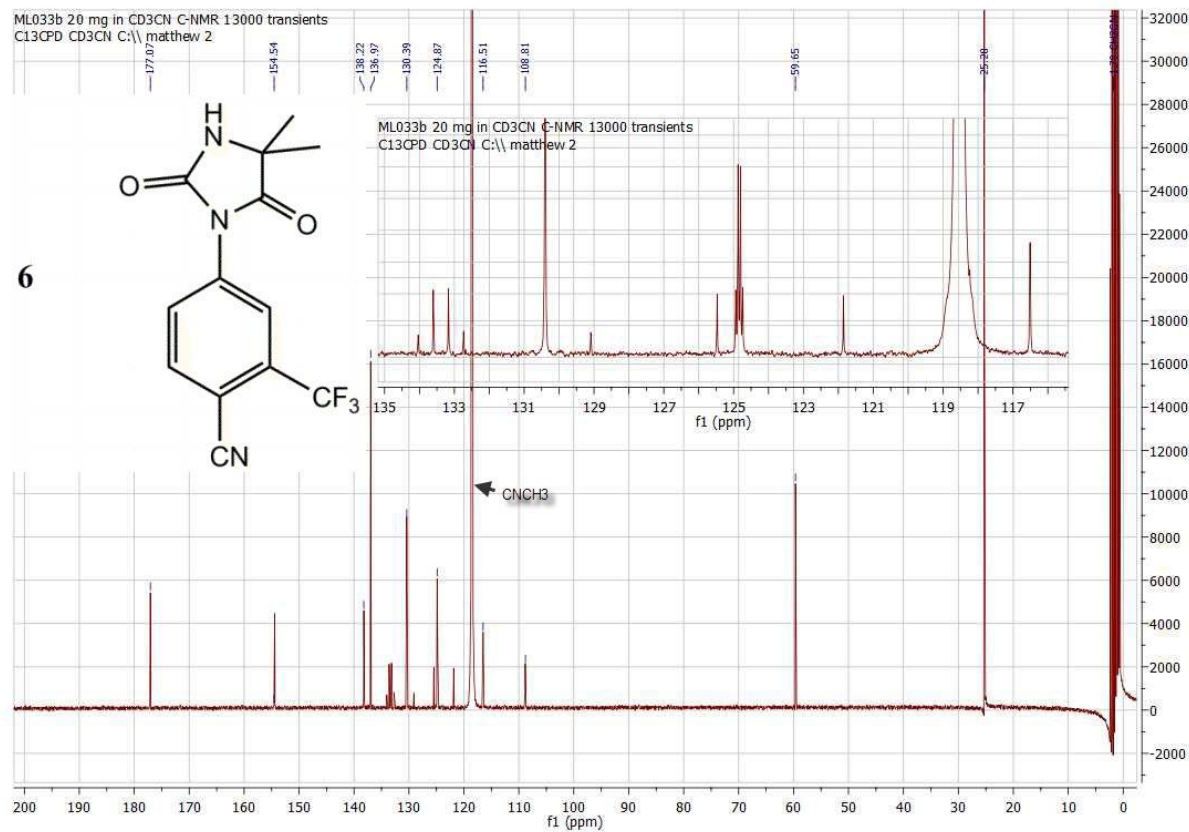


32 mg in 0.4 mL d6-DMSO, 75 MHz, 55000 scans

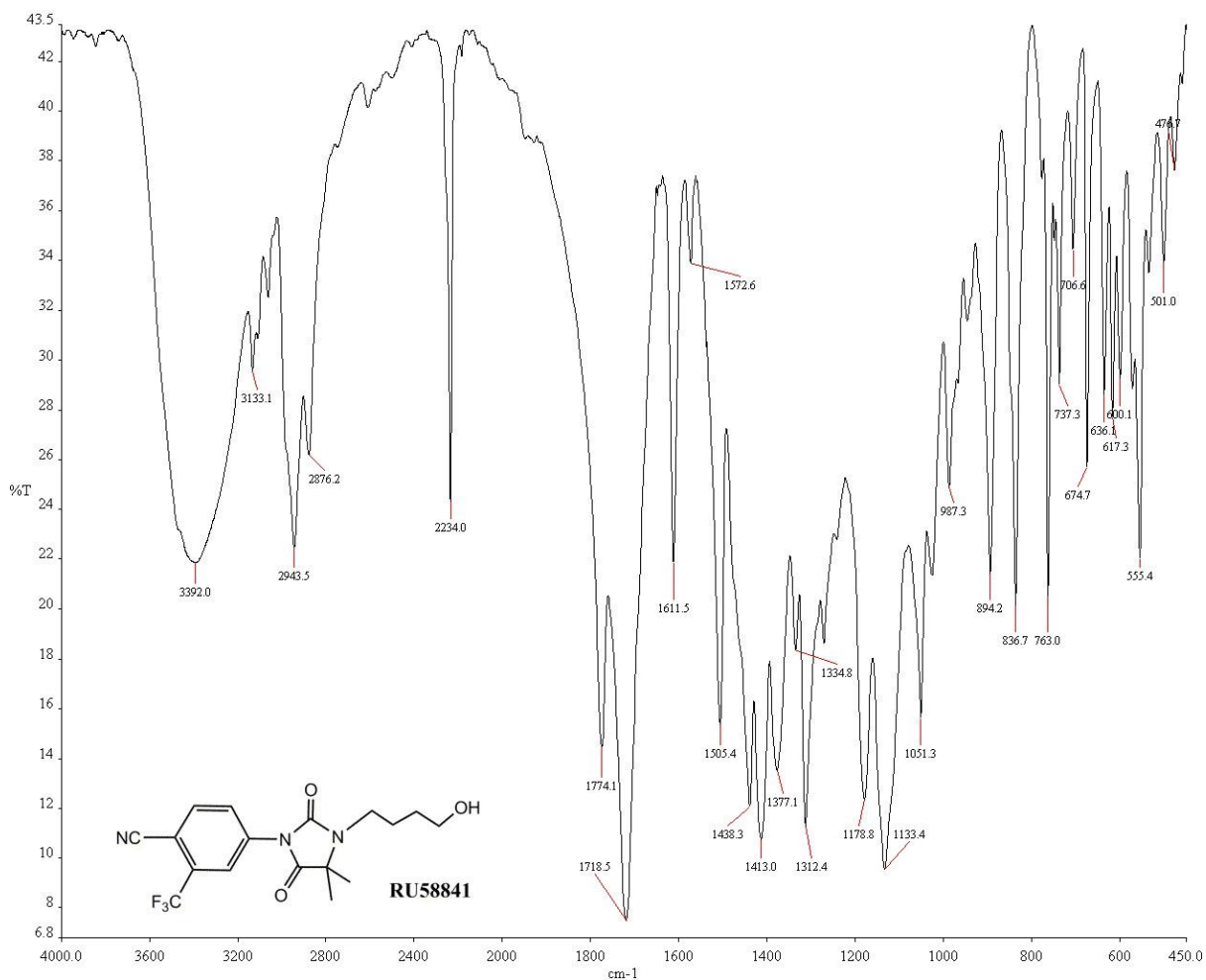
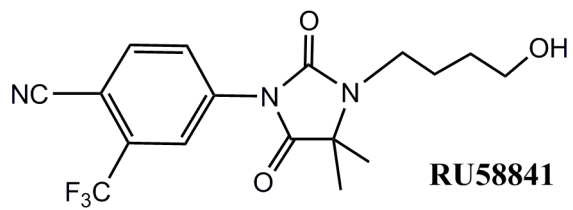


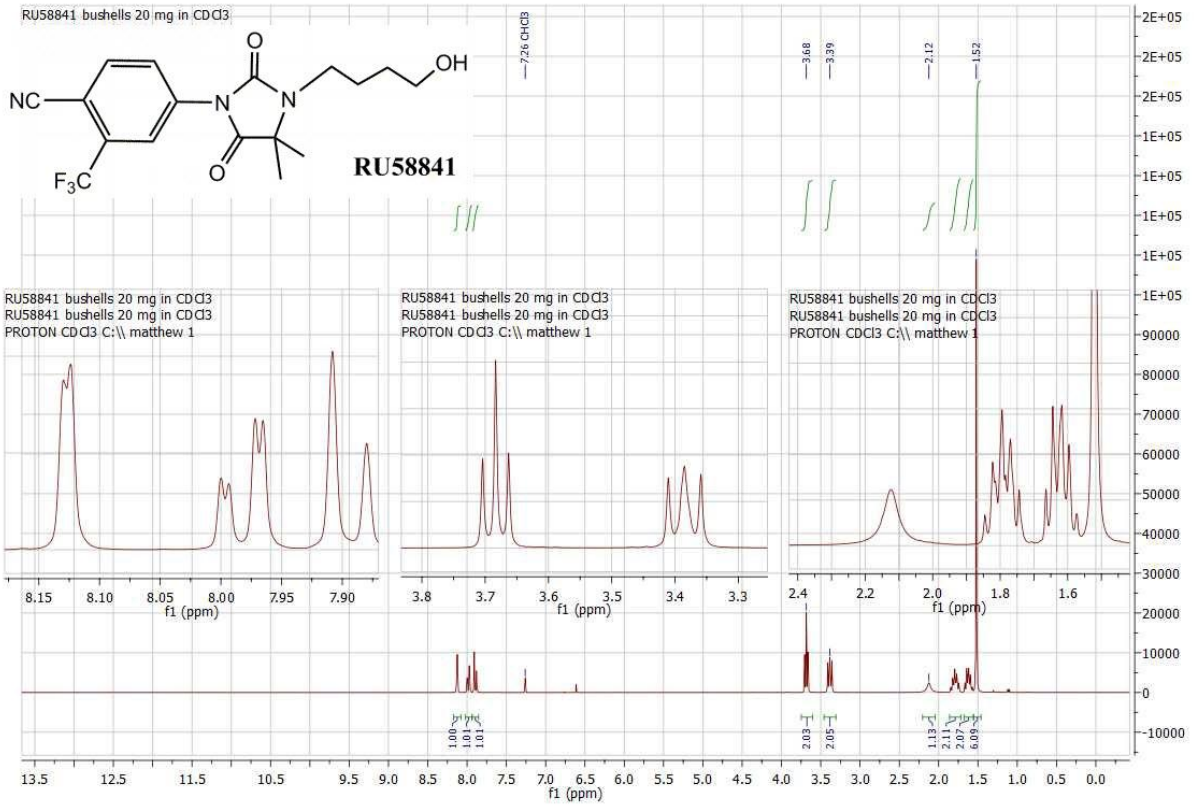


20 mg in 0.4 mL CD₃CN, 300 MHz, 16 scans

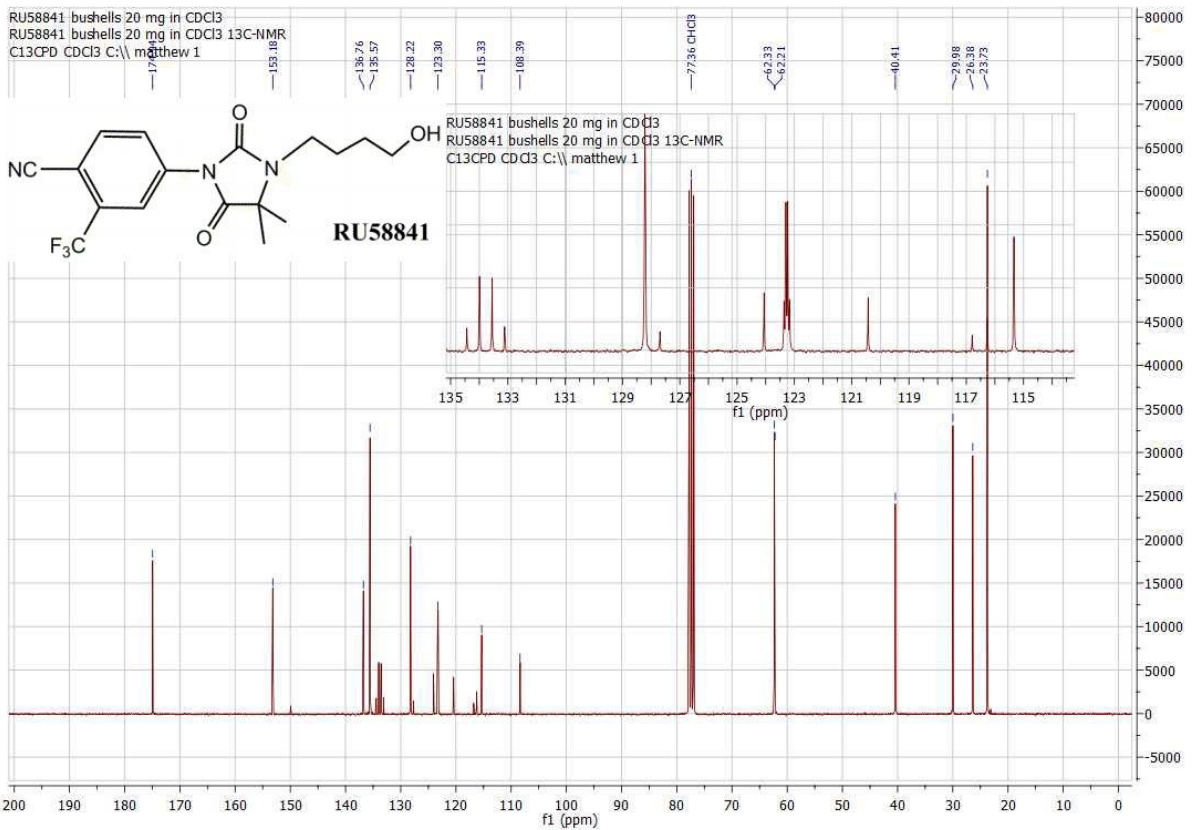


20 mg in 0.4 mL CD₃CN, 75 MHz, 13000 scans





20 mg in 0.4 mL CDCl₃, 300 MHz, 64 scans



20 mg in 0.4 mL CDCl₃, 75 MHz, 14262 scans