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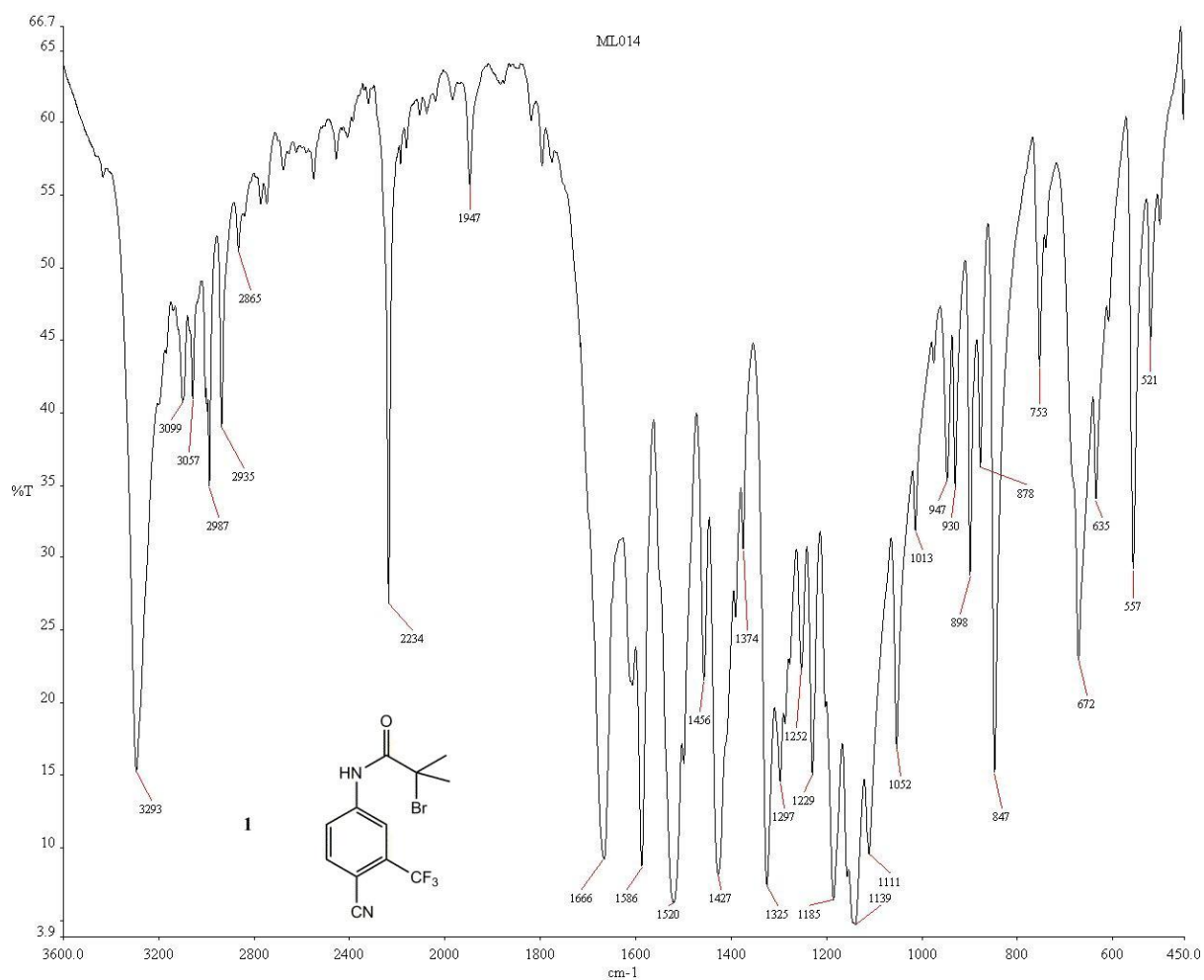
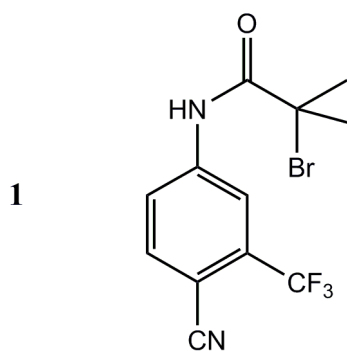
Electronic supplementary information for
Alternative synthesis of the anti-baldness compound RU58841

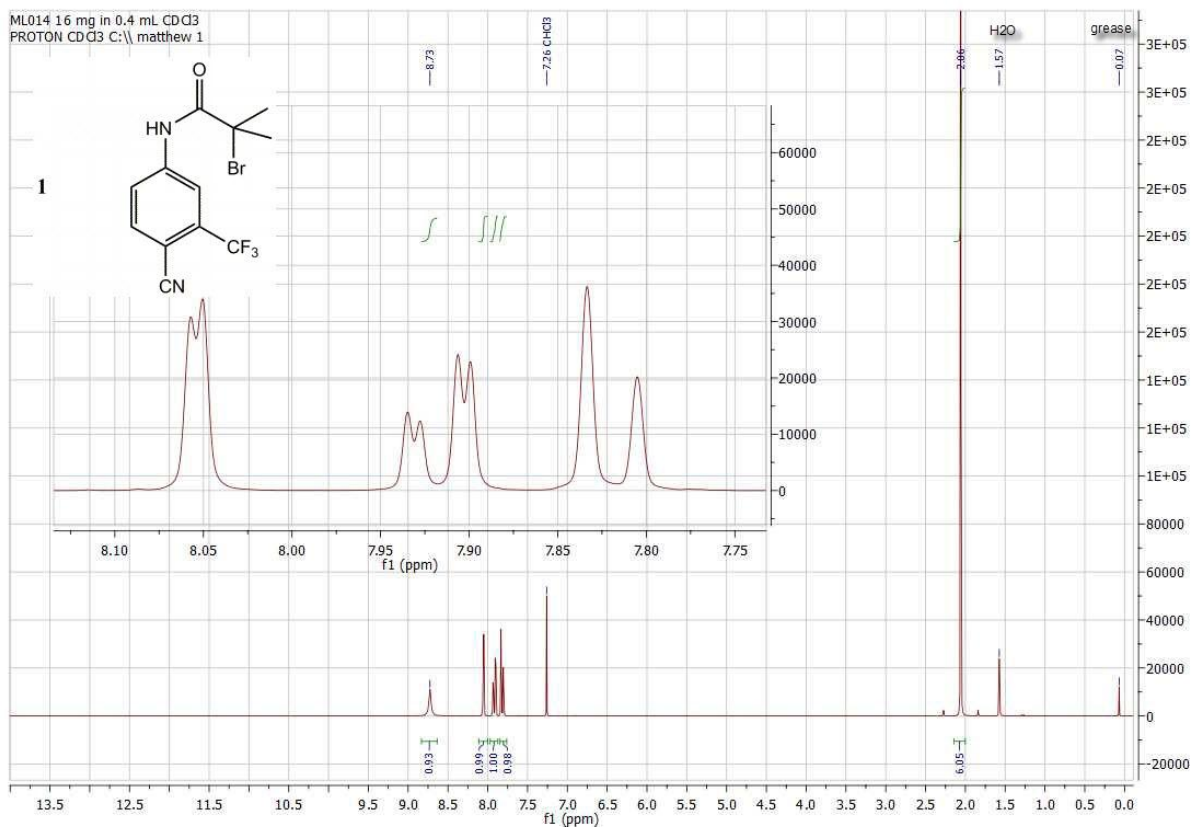
Published in RSC Advances

by

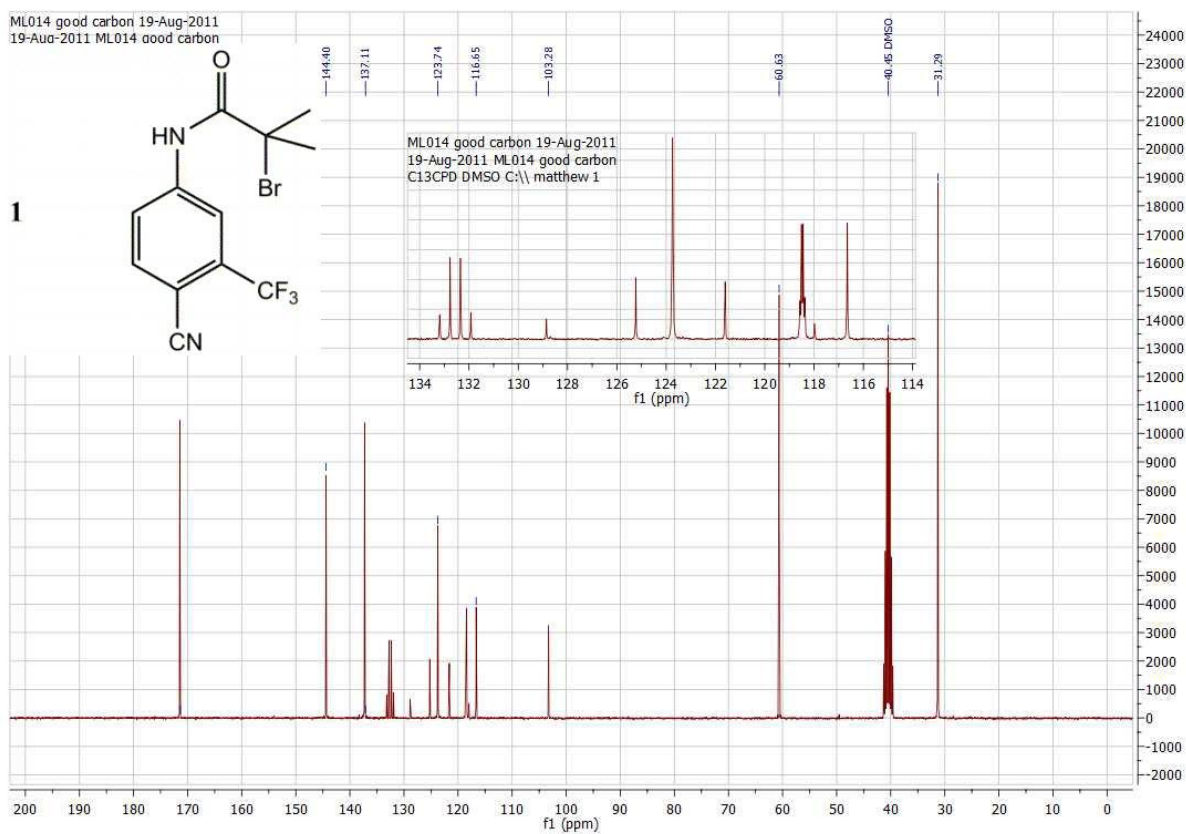
Matthew J. Leonard, Anthony R. Lingham, Julie O. Niere, Neale R. C. Jackson,

Peter G. McKay and Helmut M. Hügel



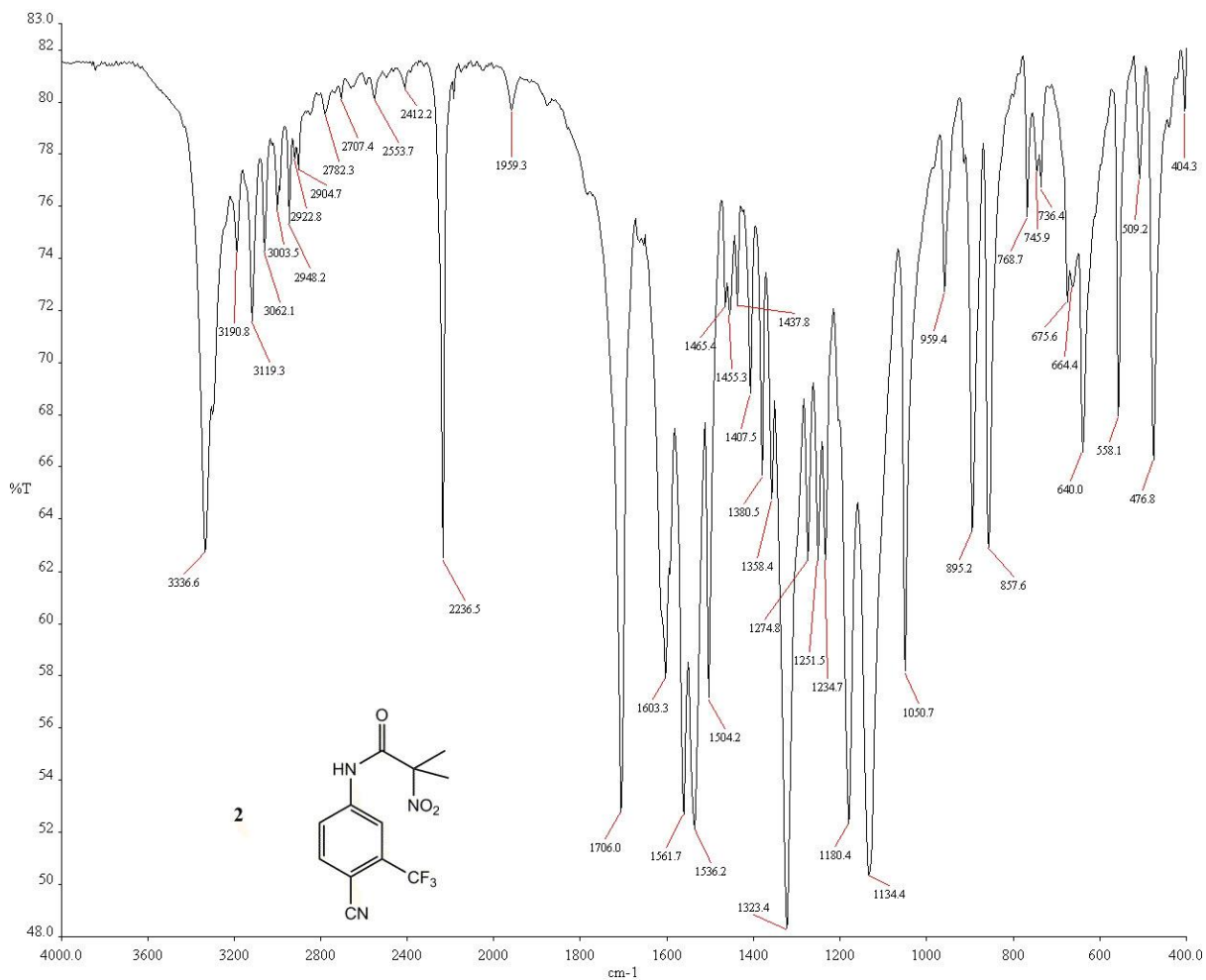
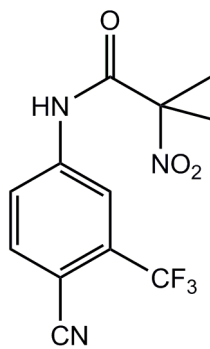


20 mg in 0.4 mL CDCl₃, 300 MHz, 256 scans

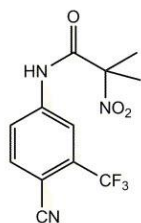


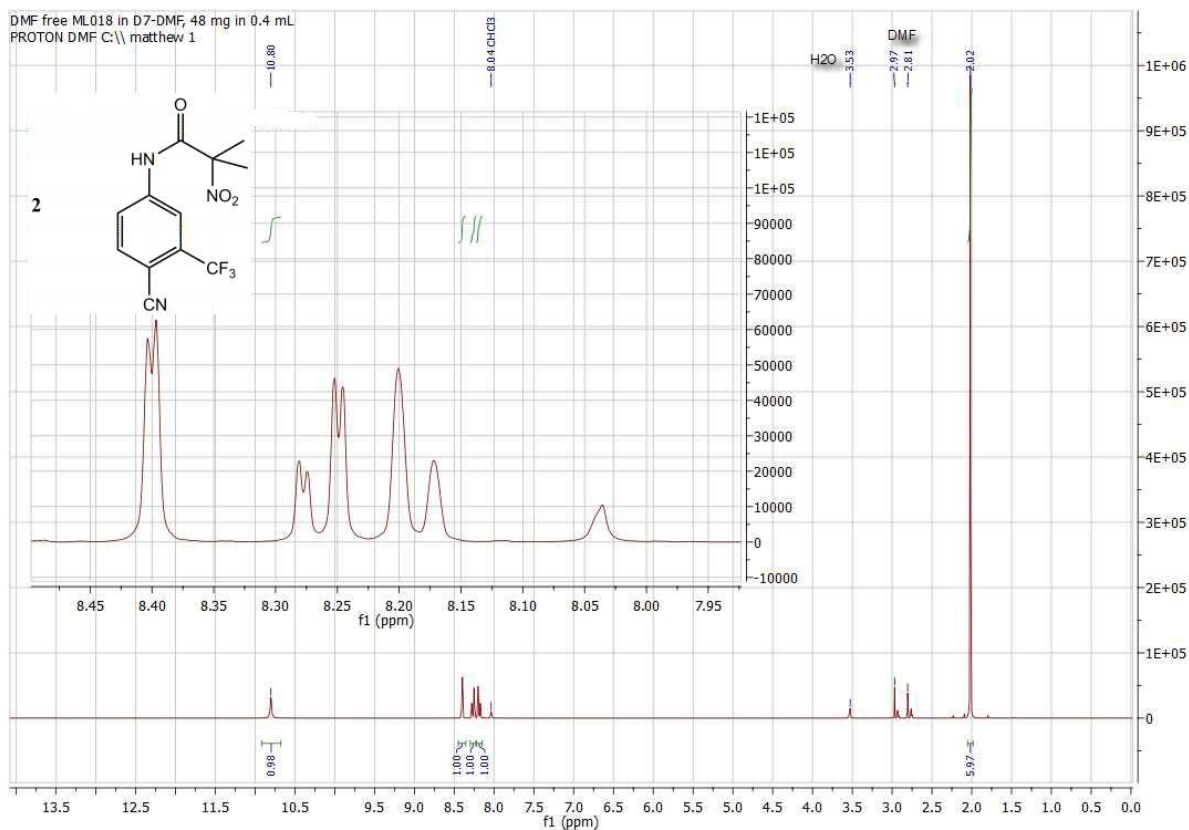
40 mg in 0.4 mL d₆-DMSO, 75 MHz, 2048 scans

2

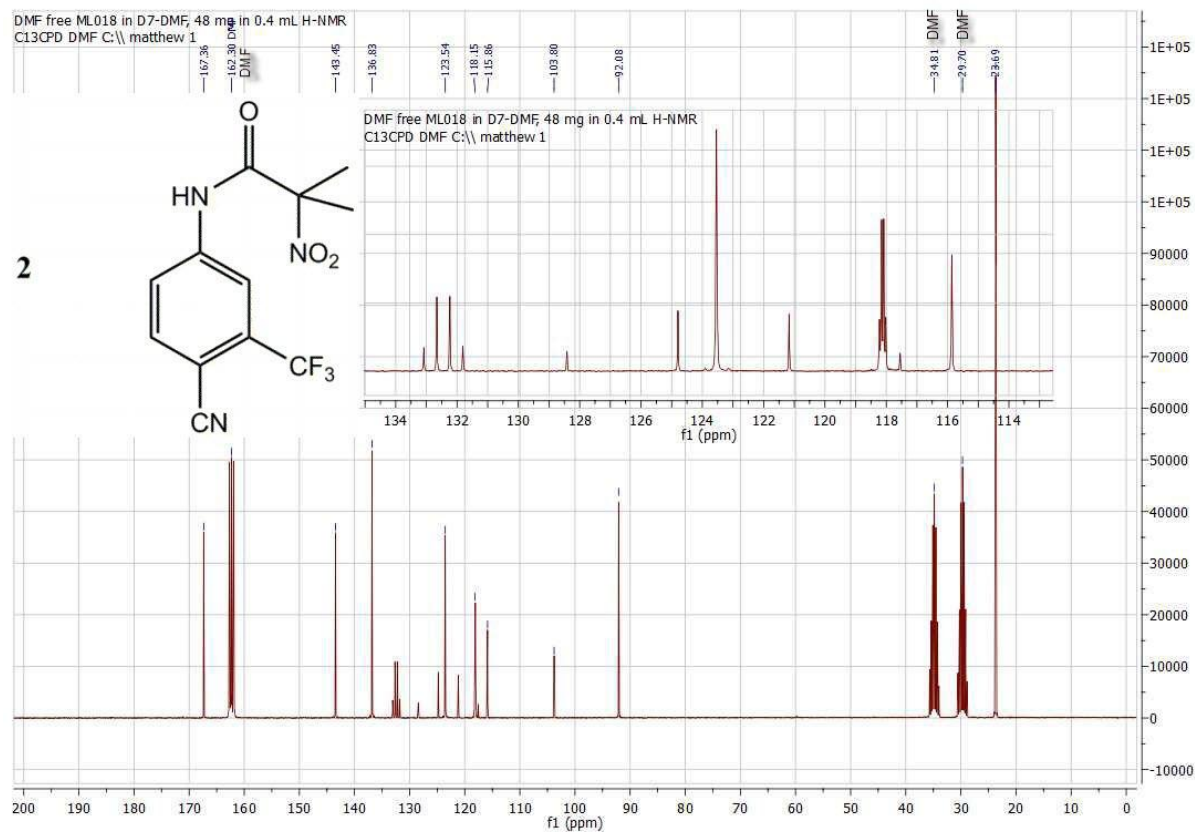


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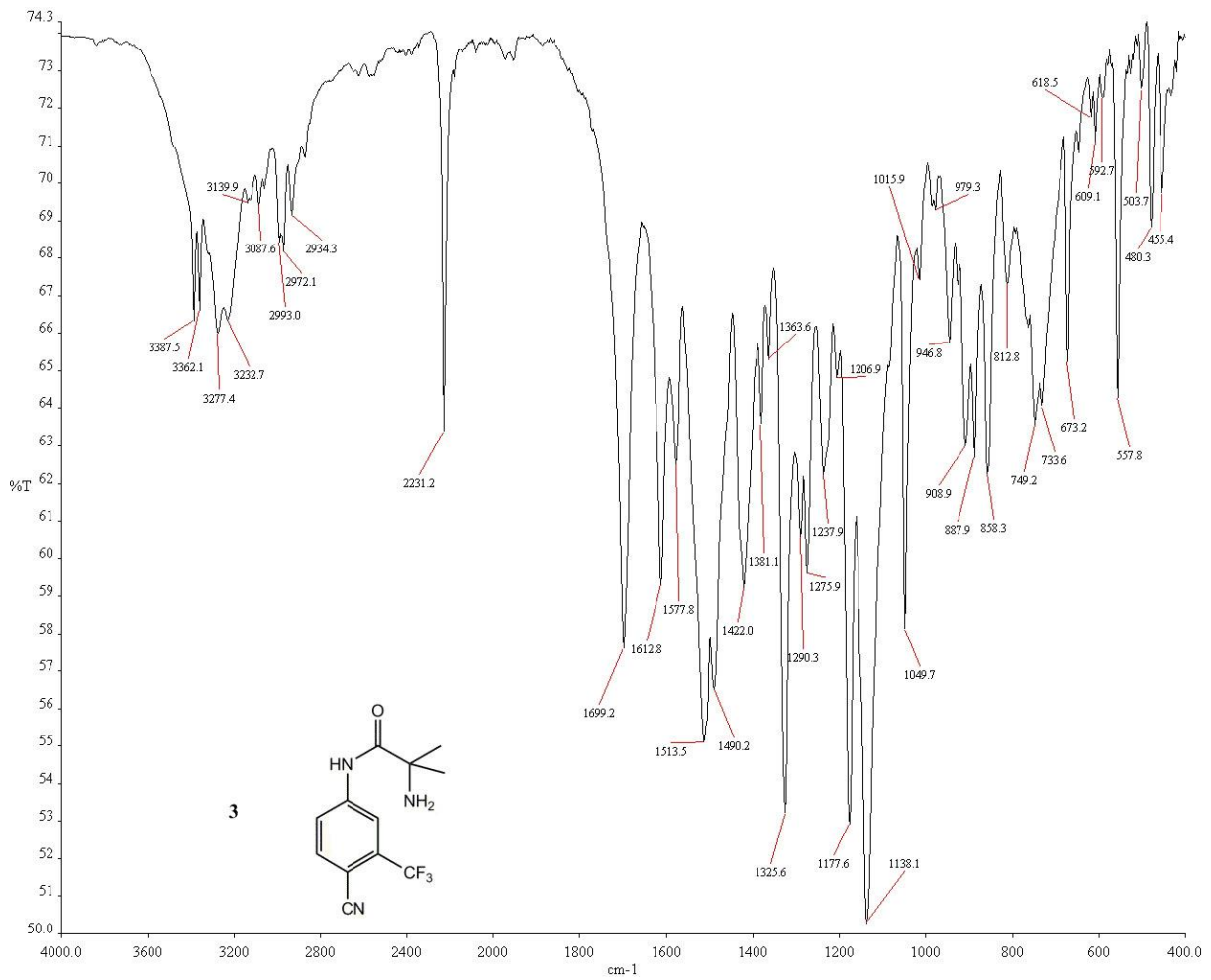
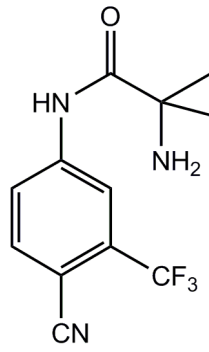


48 mg in 0.4 mL d7-DMF, 300 MHz, 256 scans

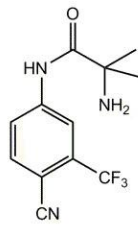


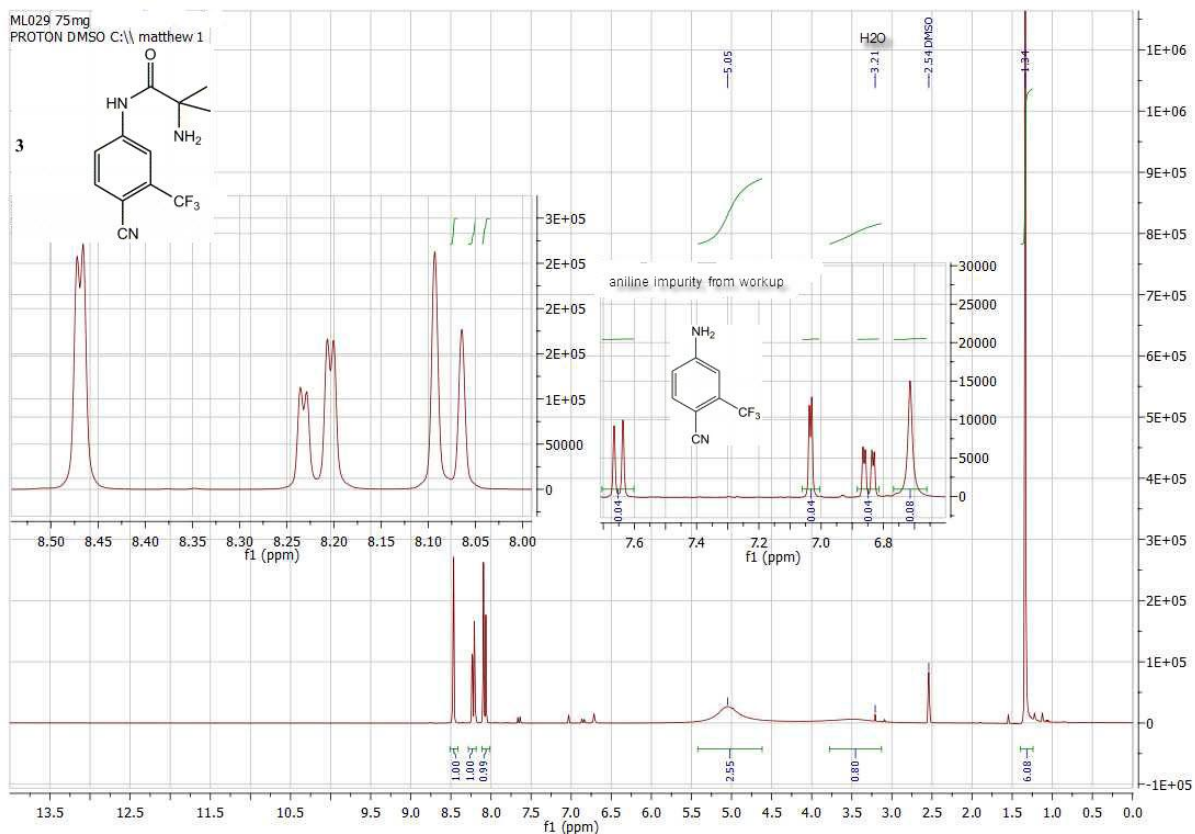
48 mg in 0.4 mL d7-DMF, 75 MHz, 20000 scans

3

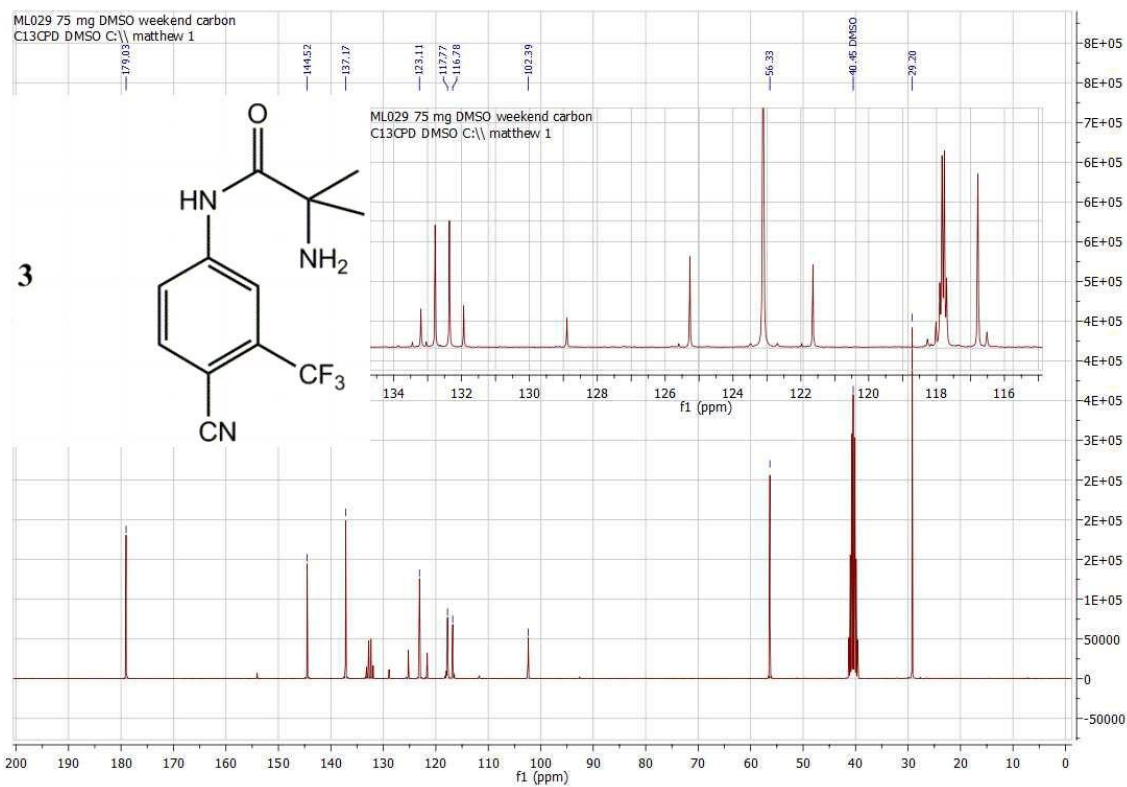


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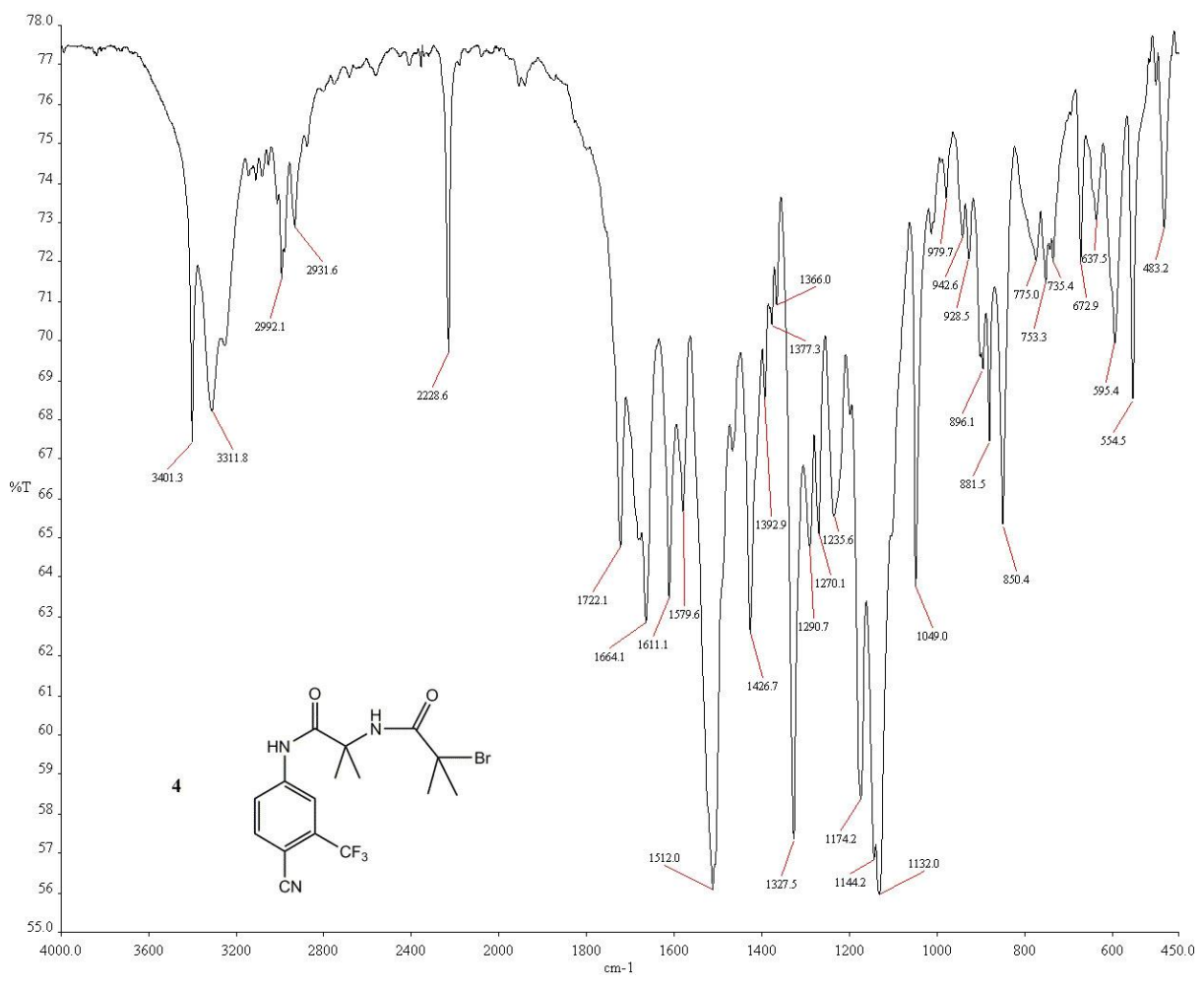
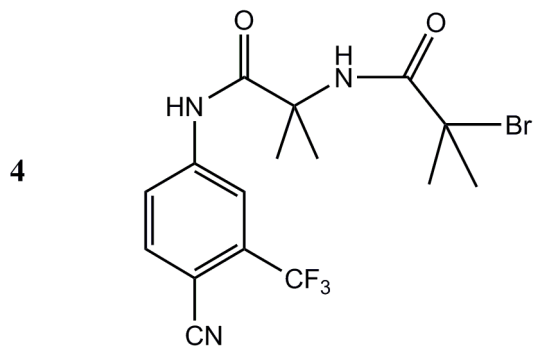


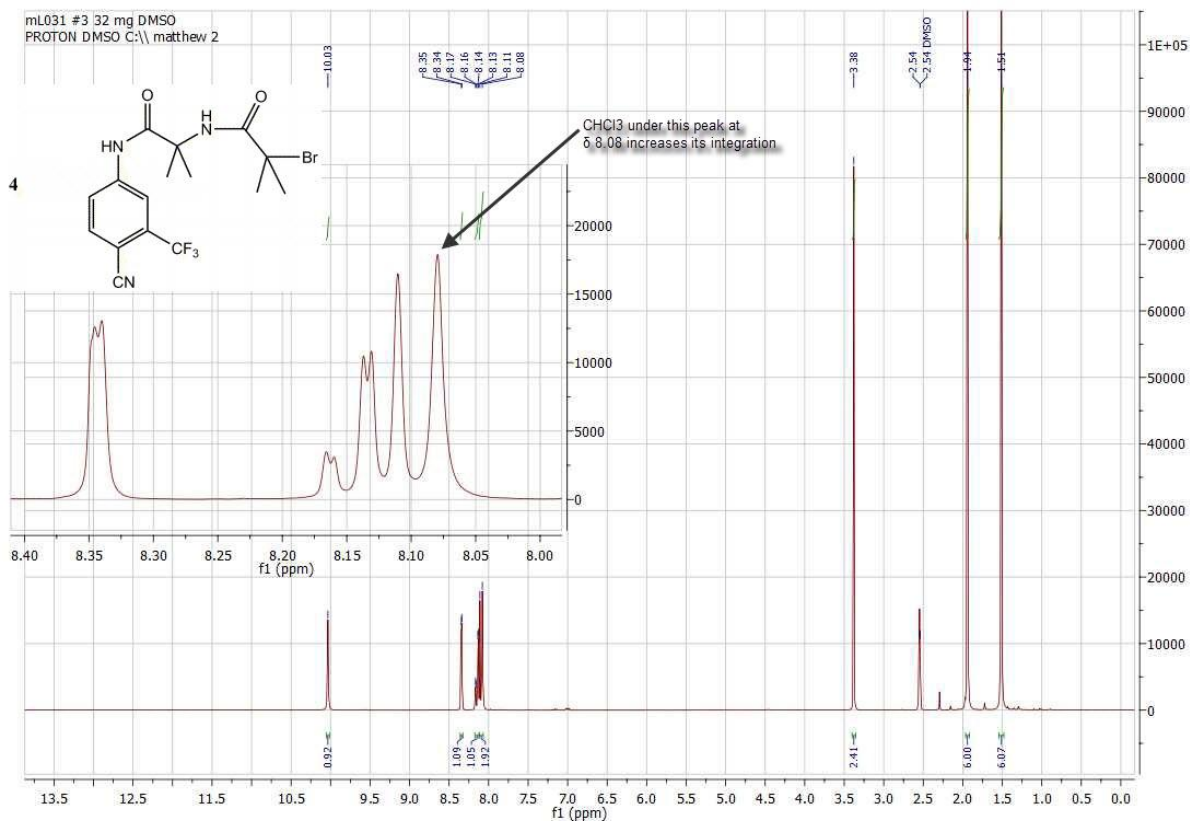


75 mg in 0.5 mL d6-DMSO, 300 MHz, 1024 scans. The small amount of aniline impurity is due to the acid/base workup of this compound.

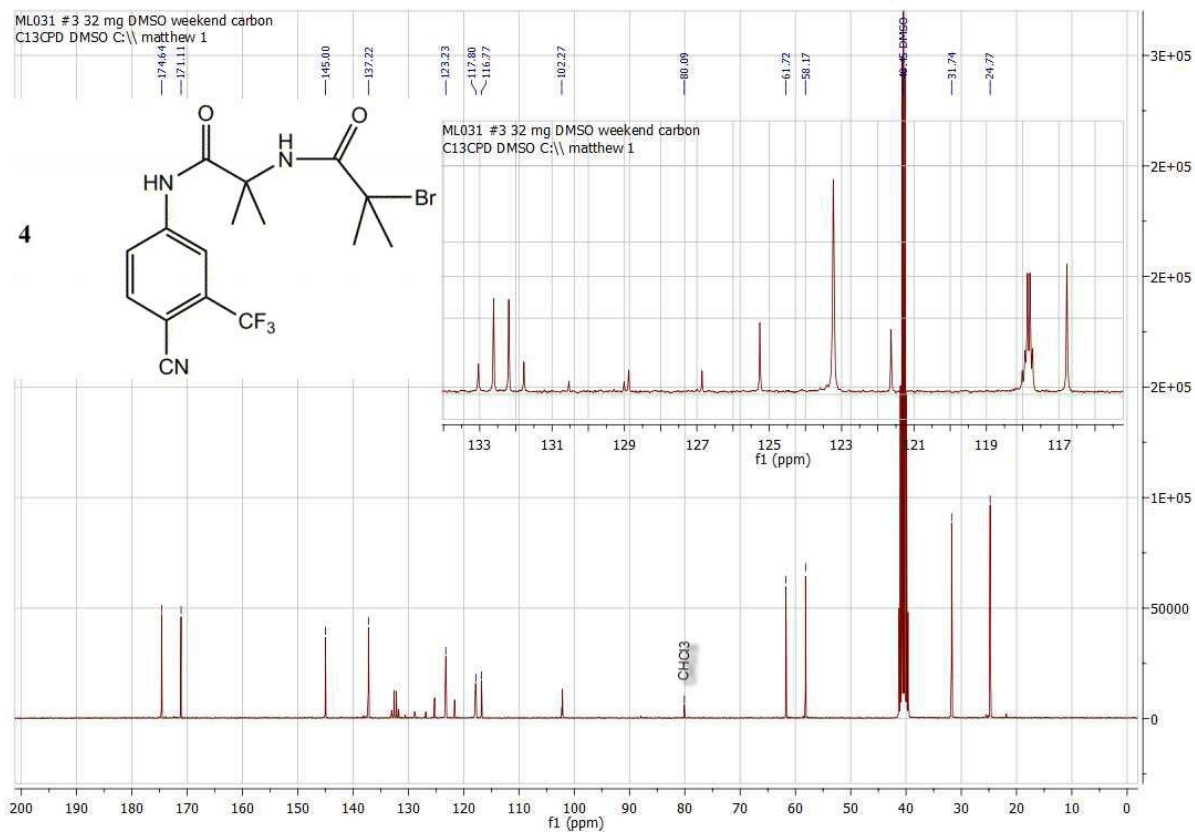


C-NMR was run using the same tube as H-NMR from above, 75 MHz, 55000 scans

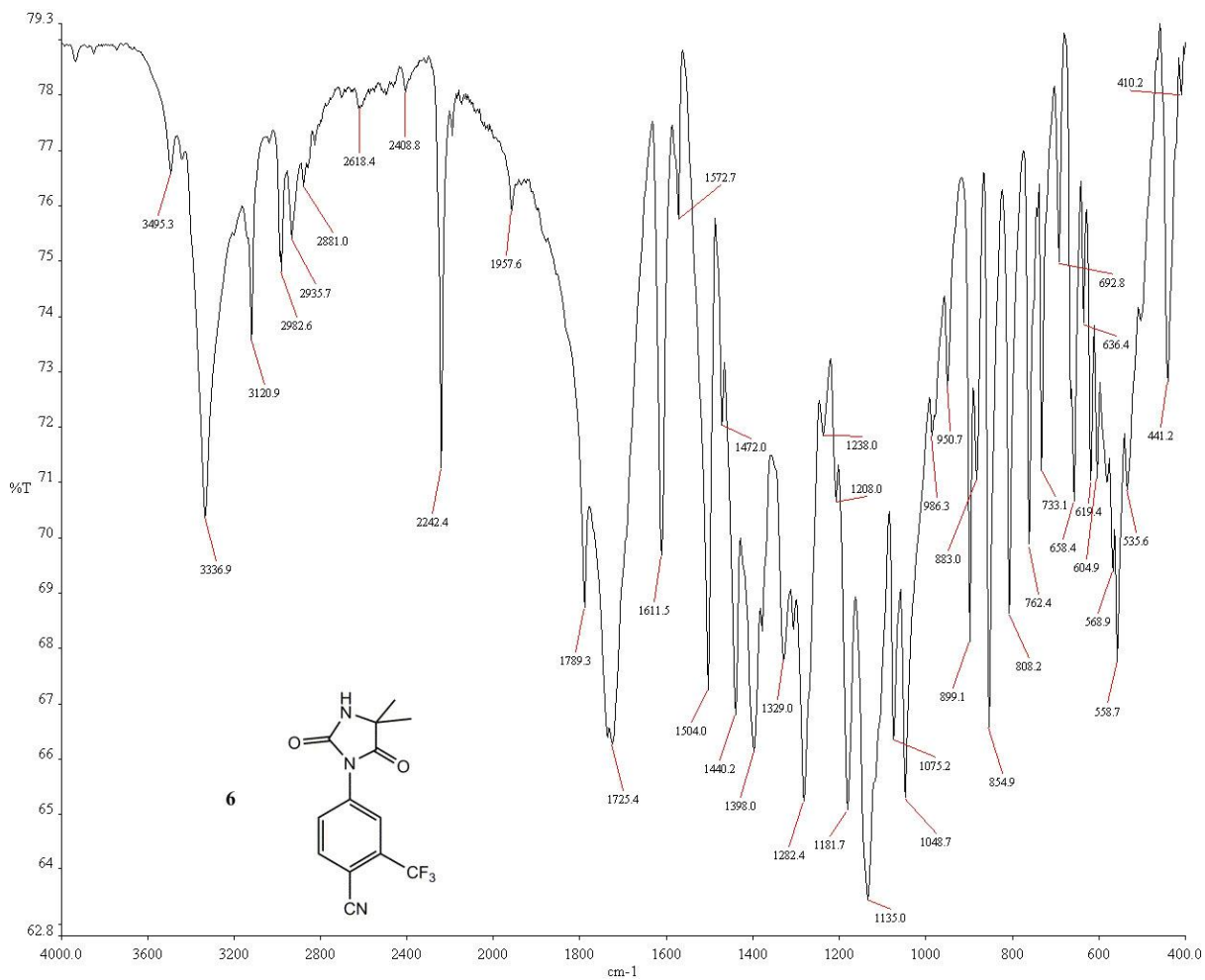
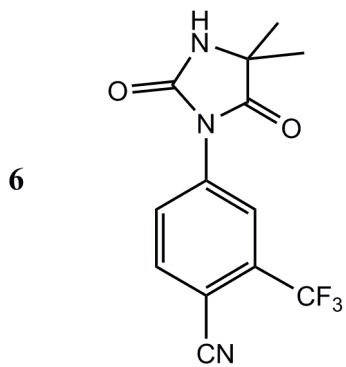


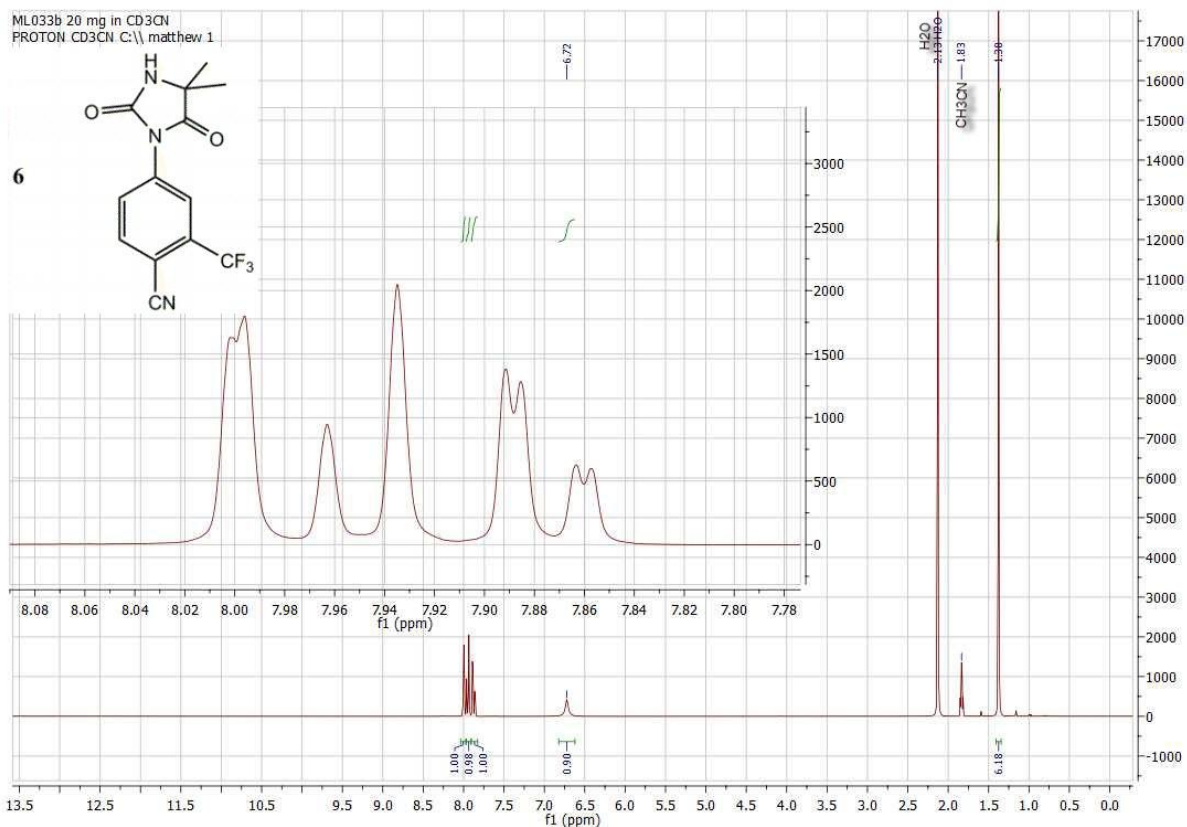


32 mg in 0.4 mL d₆-DMSO, 300 MHz, 128 scans

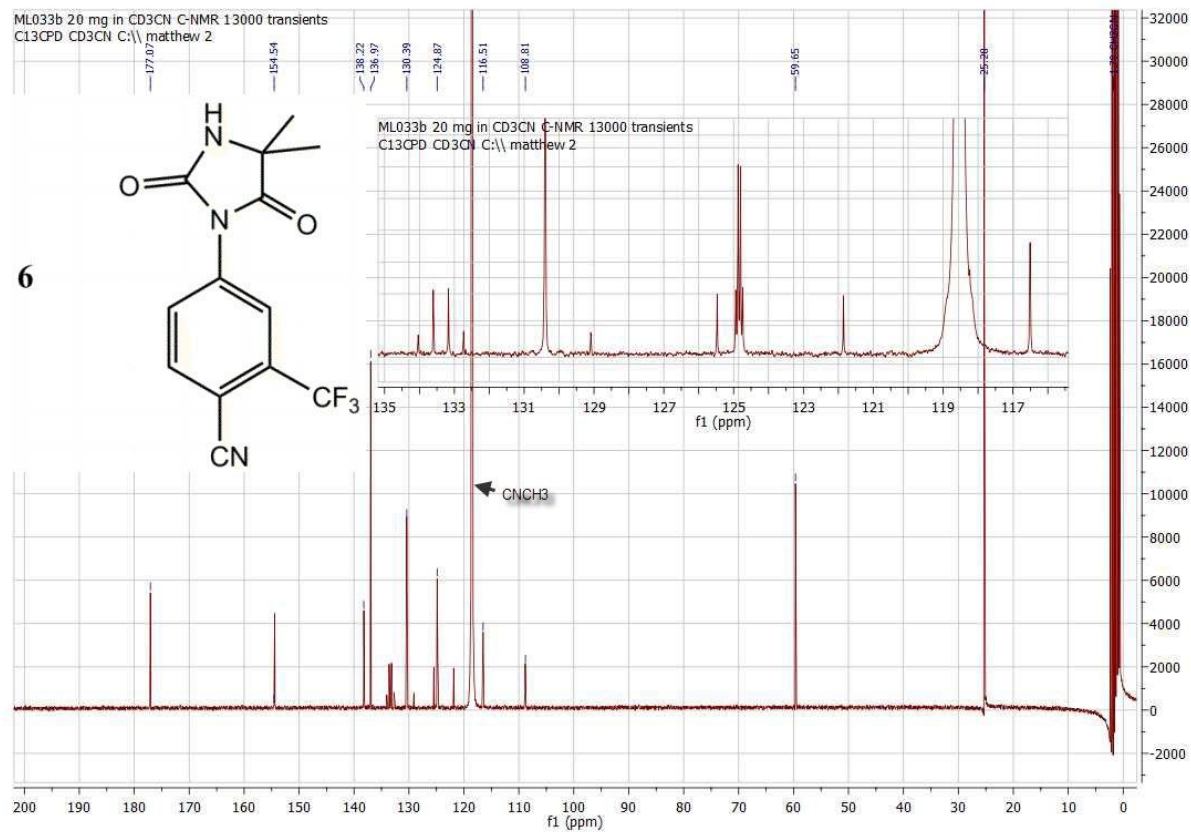


32 mg in 0.4 mL d₆-DMSO, 75 MHz, 55000 scans

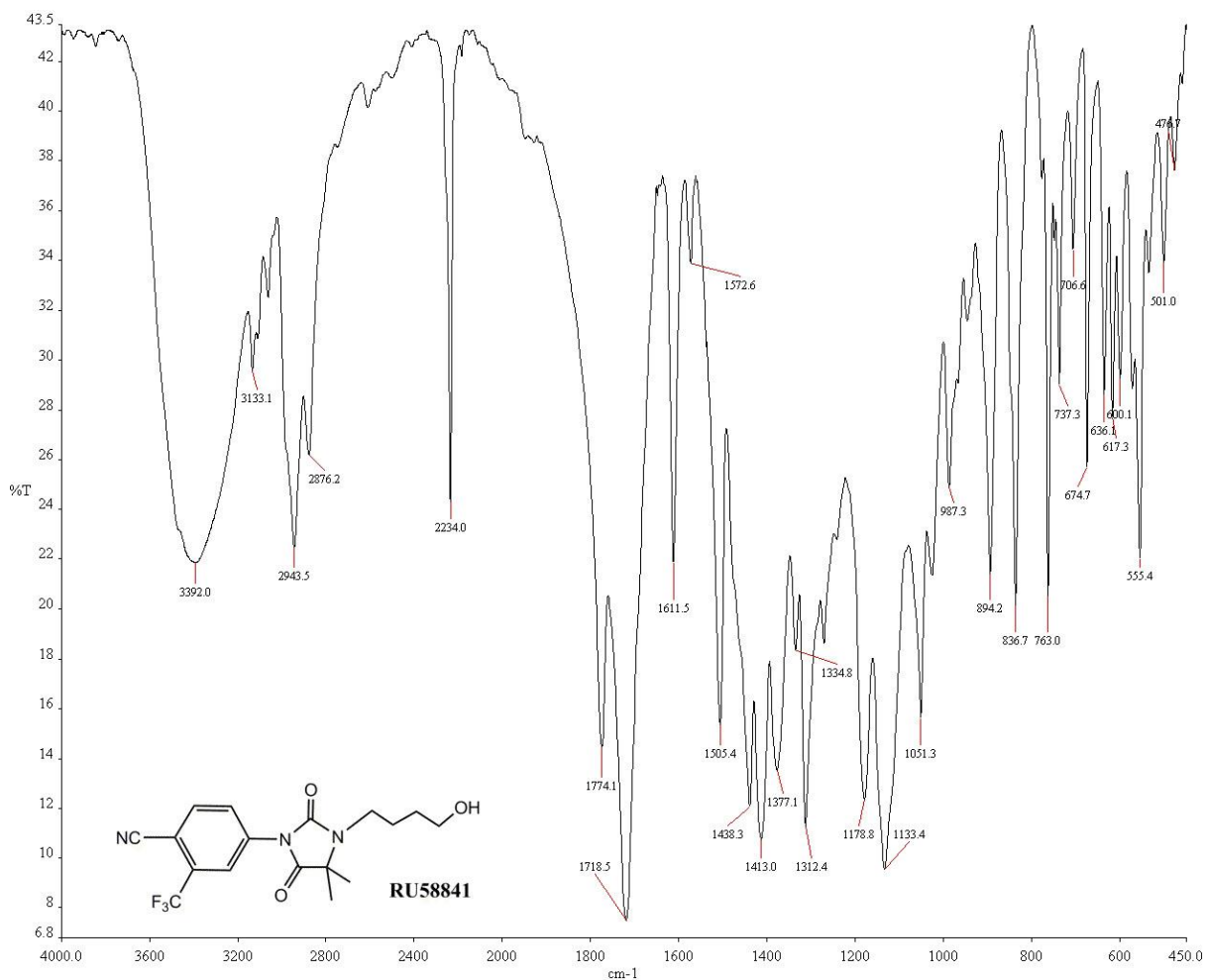
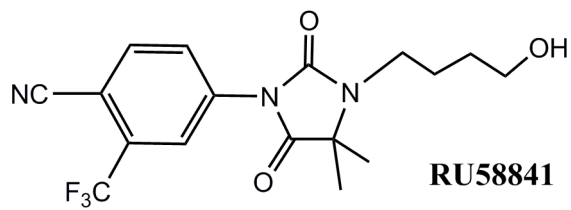


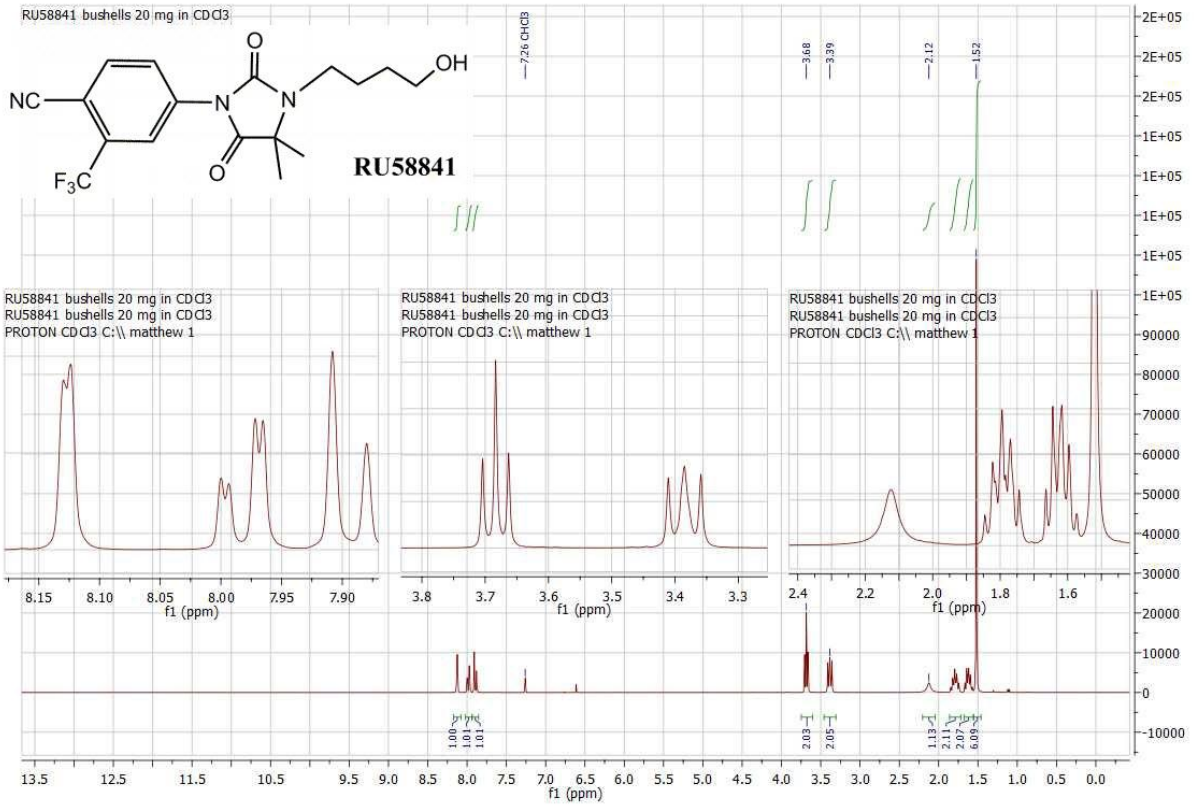


20 mg in 0.4 mL CD₃CN, 300 MHz, 16 scans

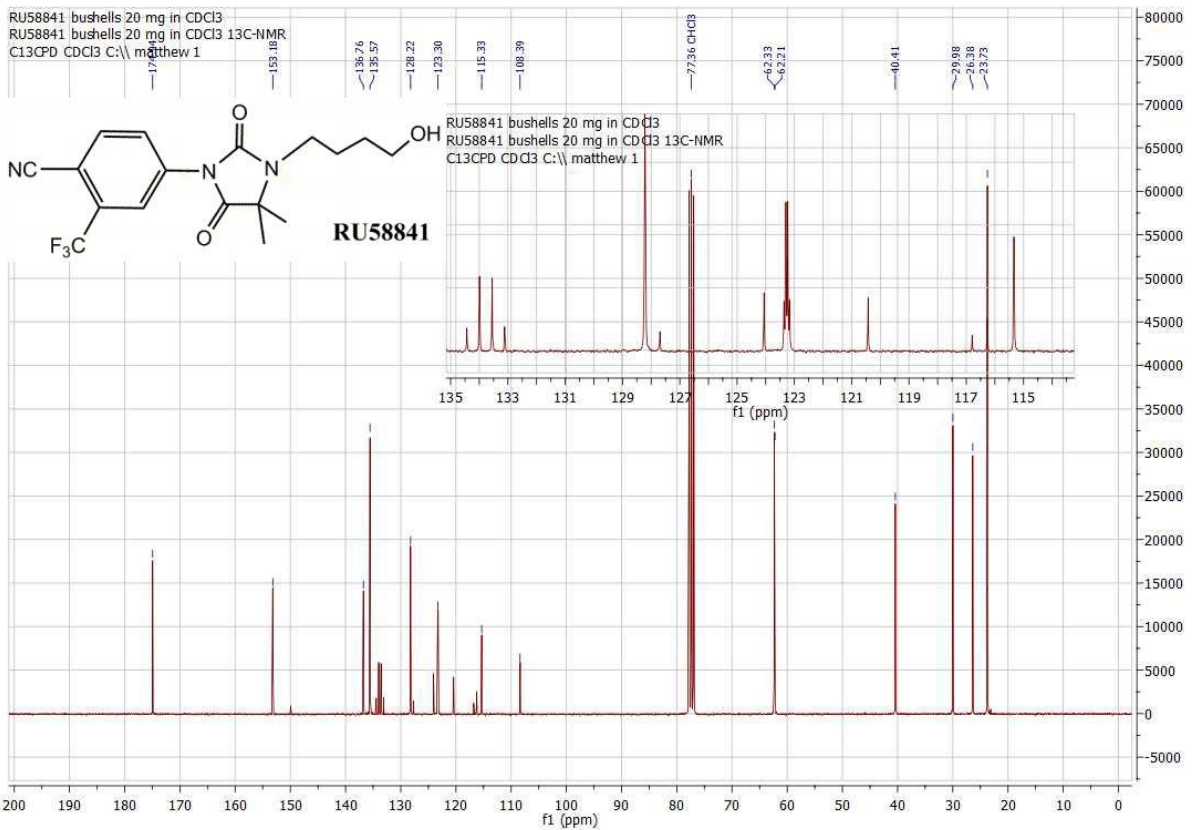


20 mg in 0.4 mL CD₃CN, 75 MHz, 13000 scans





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



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