Synthesis and biological evaluation of N-protected isatin derivatives as inhibitors of ICAM-1 expression on human endothelial cells

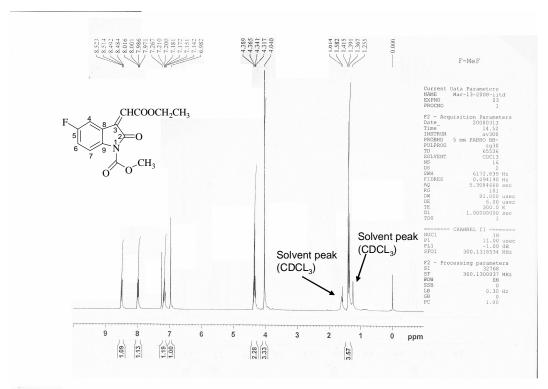
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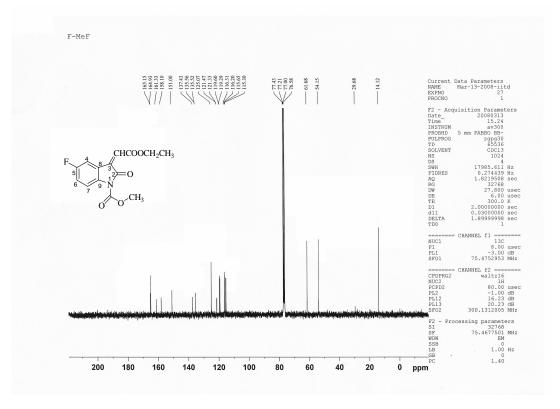
Table of Contents

- 1. ¹H-NMR and ¹³C-NMR spectra of compounds **3b**, **3c**, **3d**, **3e**, **3f**, **3g**, **3h**, **3i**, **3j**, **3l**, **3m**, **3n**, **3o** and **3p**.
- 2. NOE 1H-NMR spectra of compounds 2a, 2b, 2c and 2d.
- 3. NOESY 1H-NMR spectra of compounds 2a, 2b, 2c and 2d.

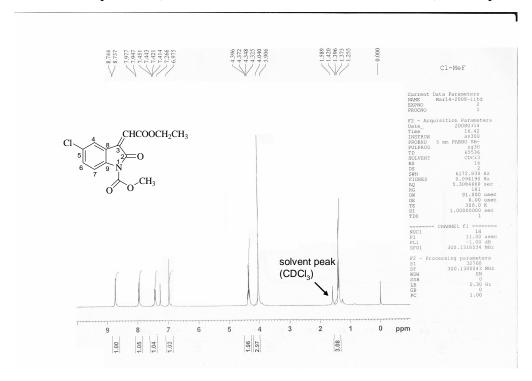
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3b**



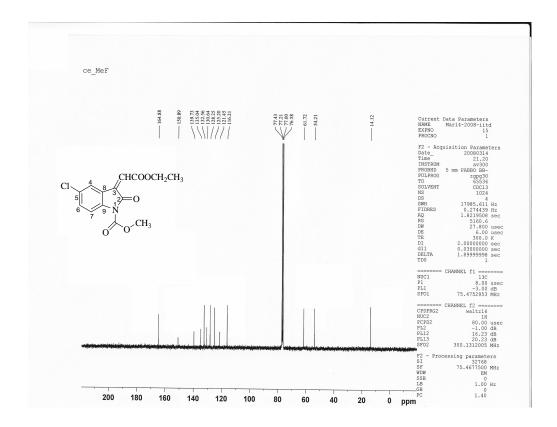
¹³C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound **3b**



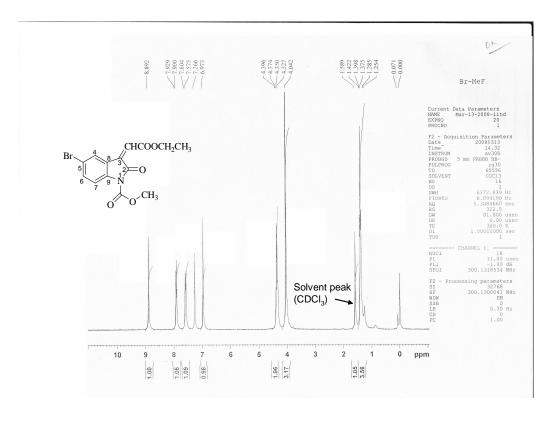
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3c**



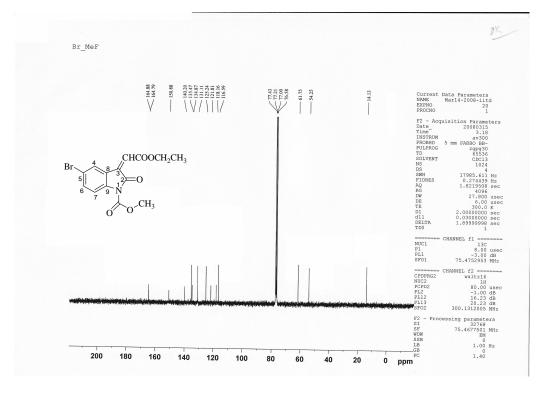
 ^{13}C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound 3c



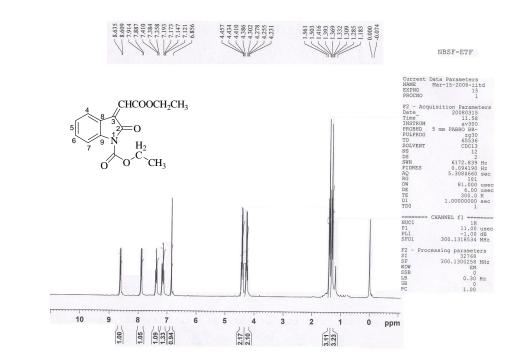
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3d**



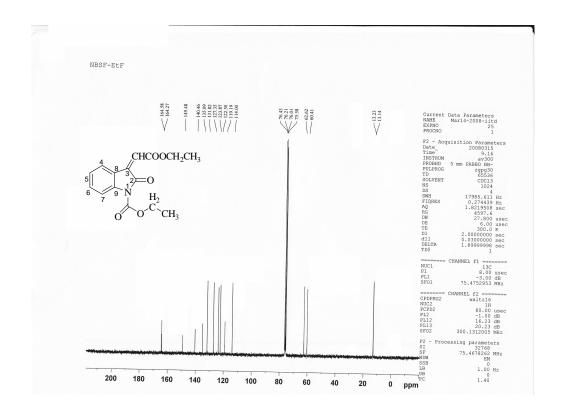
 ^{13}C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound $\boldsymbol{3d}$



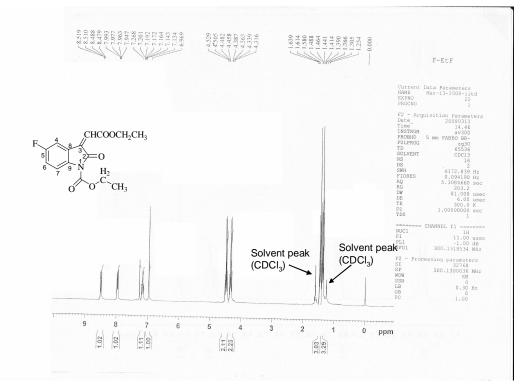
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3e**



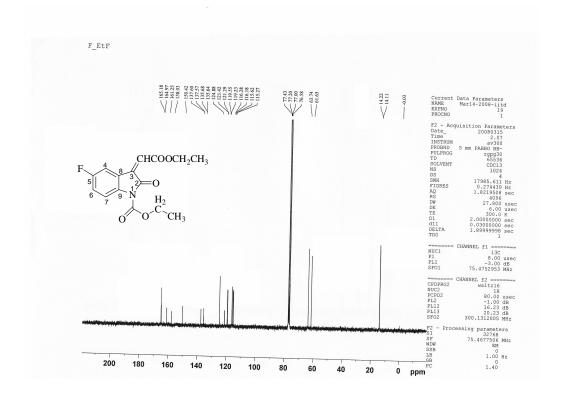
¹³C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound **3e**



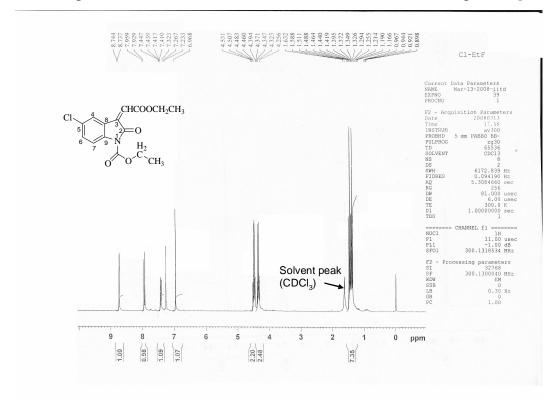
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3f**



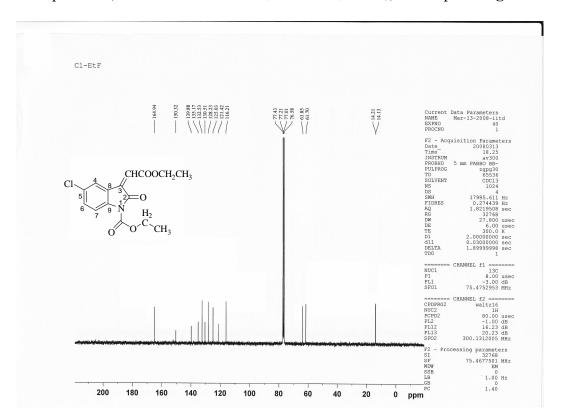
 13 C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl $_3$) of compound ${\bf 3f}$



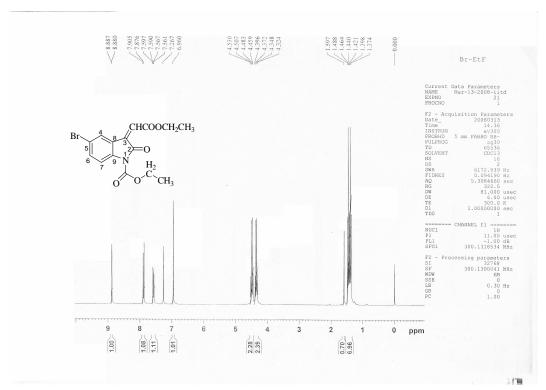
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3g**



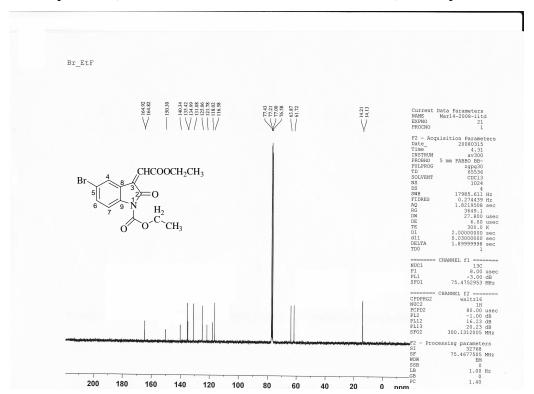
 ^{13}C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound $\boldsymbol{3g}$



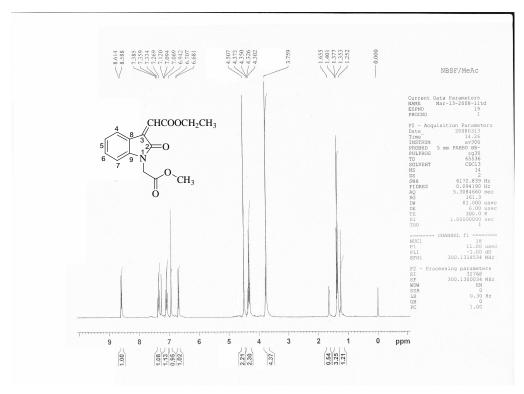
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3h**



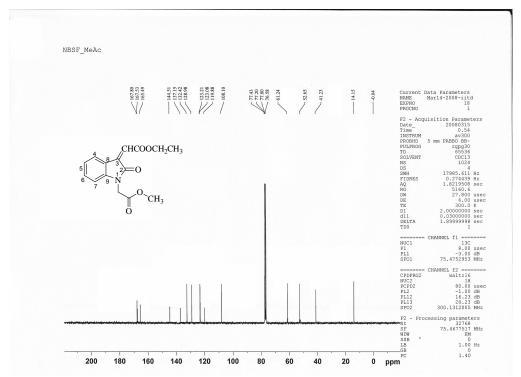
¹³C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound **3h**



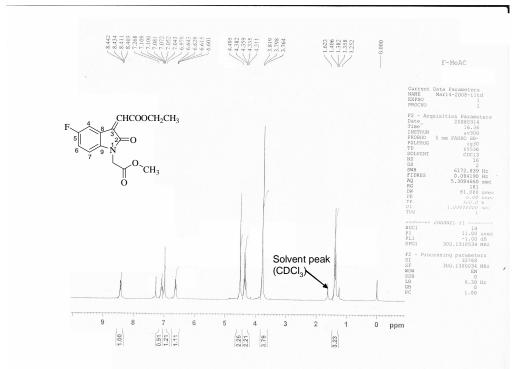
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3i**



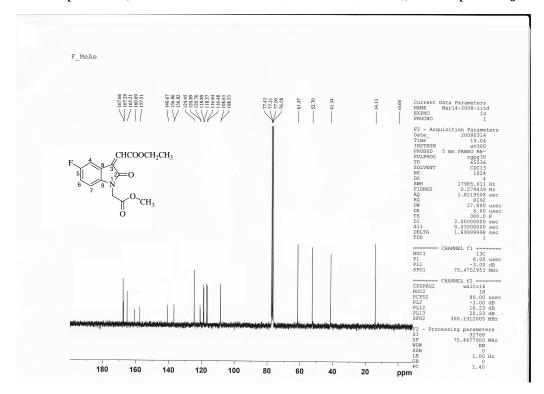
 ^{13}C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl3) of compound $\boldsymbol{3i}$



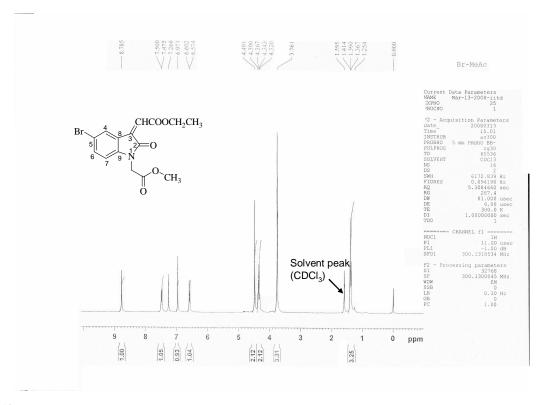
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3j**



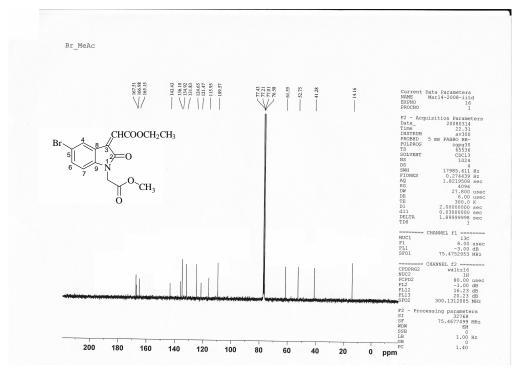
 ^{13}C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl3) of compound $\boldsymbol{3j}$



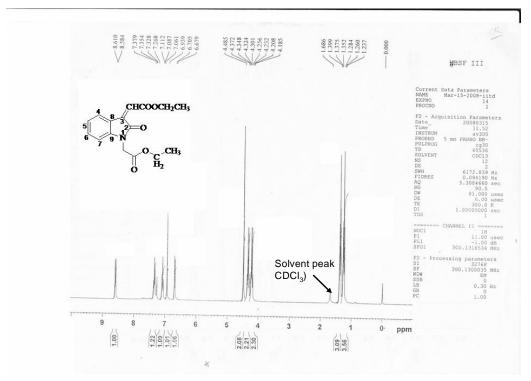
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **31**



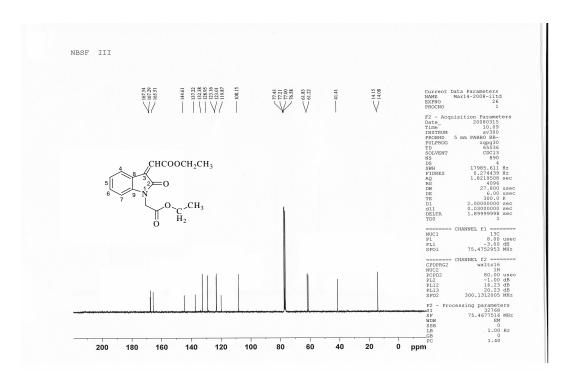
 13 C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl $_3$) of compound 3l



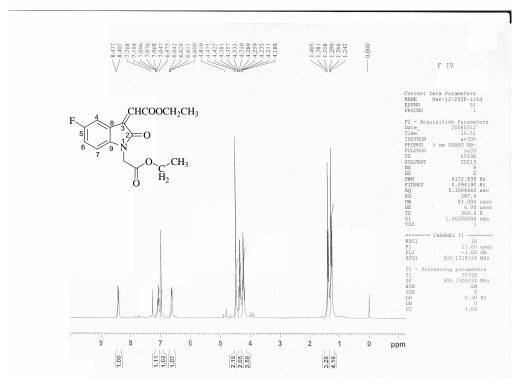
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3m**



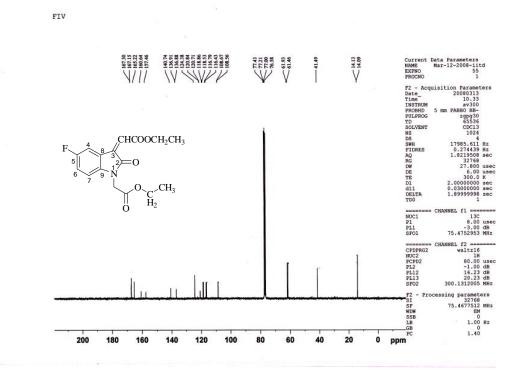
 13 C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl $_3$) of compound 3m



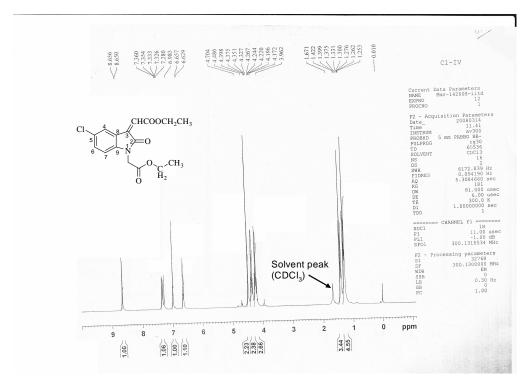
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3n**



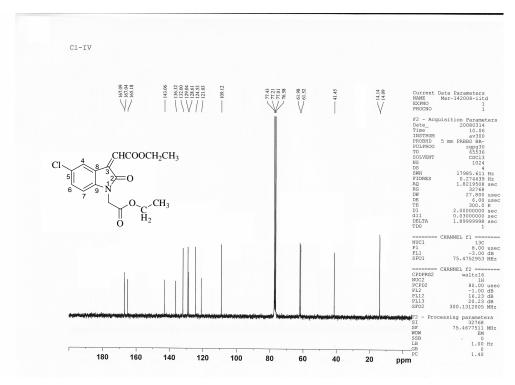
 13 C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl $_3$) of compound 3n



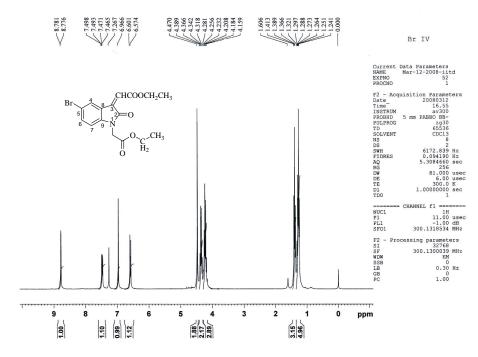
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **30**



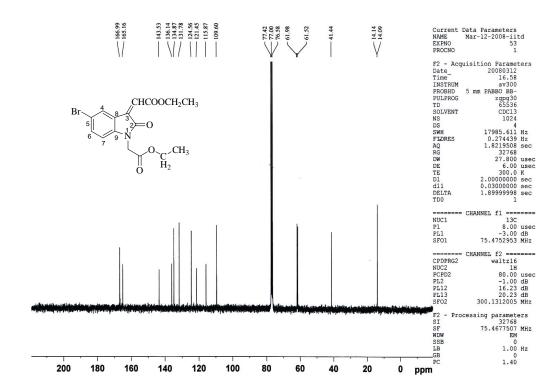
 ^{13}C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound 3o



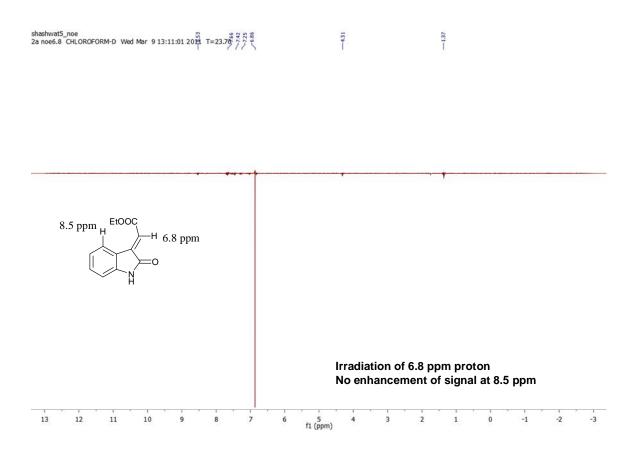
¹H NMR spectrum (Bruker AC-300 Avance, 300 MHz, CDCl₃) of compound **3p**



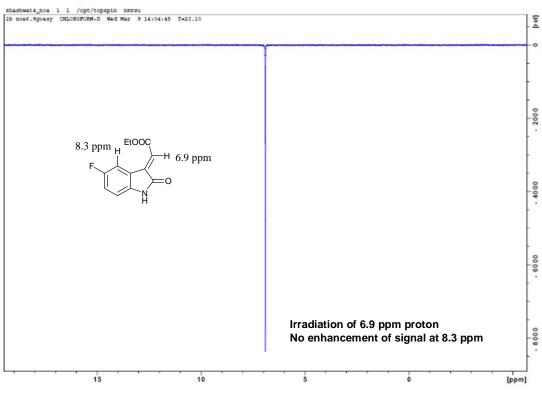
¹³C NMR spectrum (Bruker AC-300 Avance, 75.5 MHz, CDCl₃) of compound **3p**

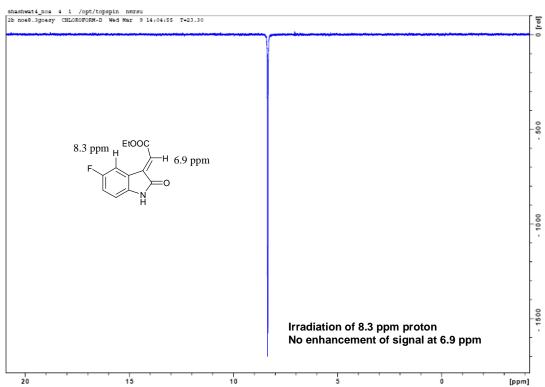


NOE-¹H NMR spectrum (Jeol-ECP 500, 500 MHz, CDCl₃) of compound **2a**

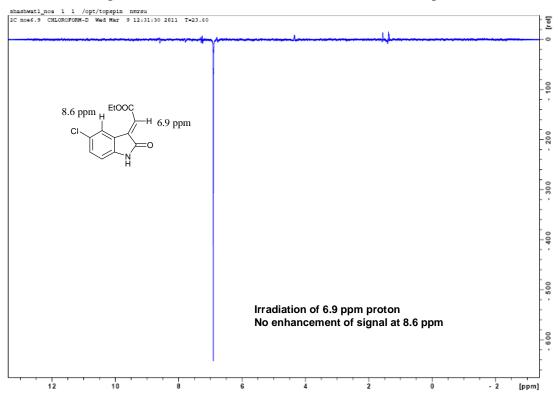


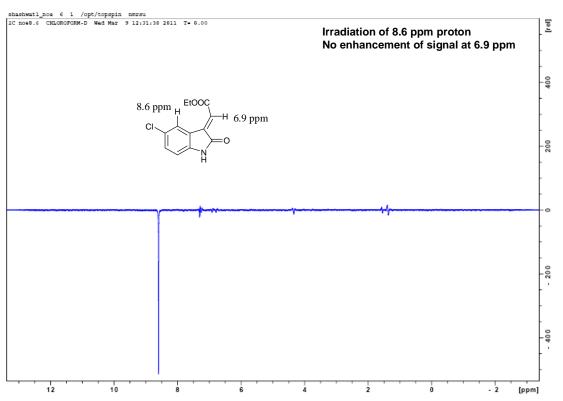
$NOE-^{1}H\ NMR\ spectrum\ (Jeol-ECP\ 500,\ 500\ MHz,\ CDCl_{3})\ of\ compound\ \textbf{2b}$



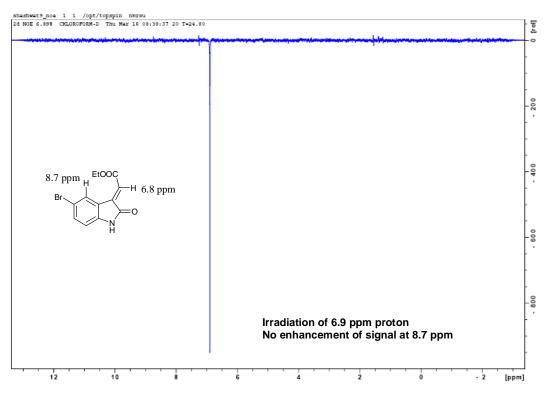


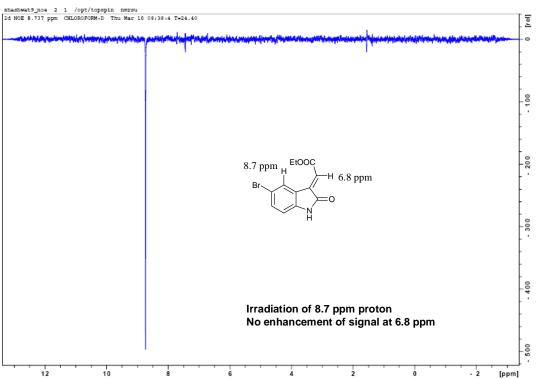
NOE- $^1\mbox{H}$ NMR spectrum (Jeol-ECP 500, 500 MHz, CDCl3) of compound 2c



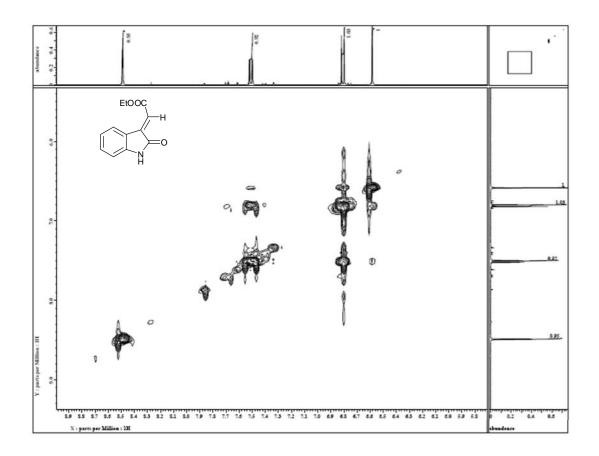


NOE-¹H NMR spectrum (Jeol-ECP 500, 500 MHz, CDCl₃) of compound 2d

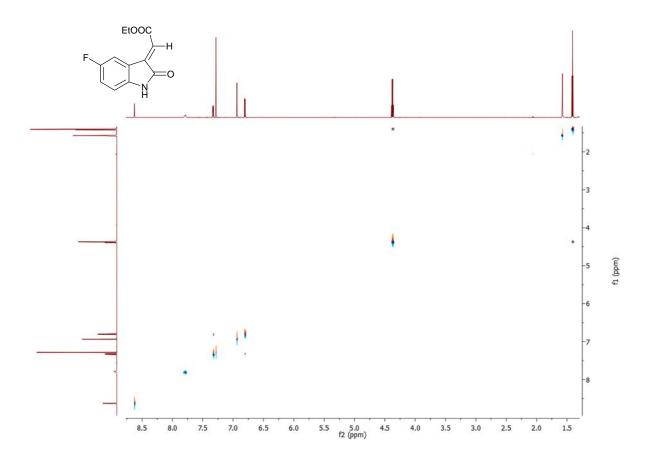




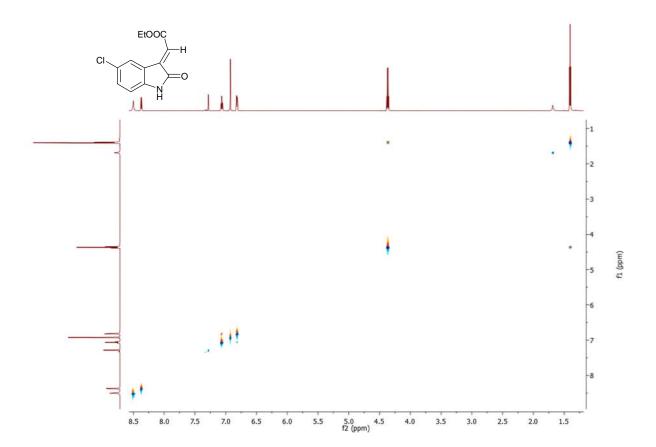
NOESY-¹H NMR spectrum (Bruker-400, 400 MHz, CDCl₃) of compound 2a



NOESY-¹H NMR spectrum (Bruker AV-700, 700 MHz, CDCl₃) of compound **2b**



NOESY-¹H NMR spectrum (Bruker AV-700, 700 MHz, CDCl₃) of compound **2c**



NOESY-¹H NMR spectrum (Jeol-ECP 500, 500 MHz, CDCl₃) of compound 2d

