

Supporting Information for

Furan- and thiophene-2-carbonyl amino acid derivatives activate the hypoxia inducible factor via inhibition of factor inhibiting HIF-1

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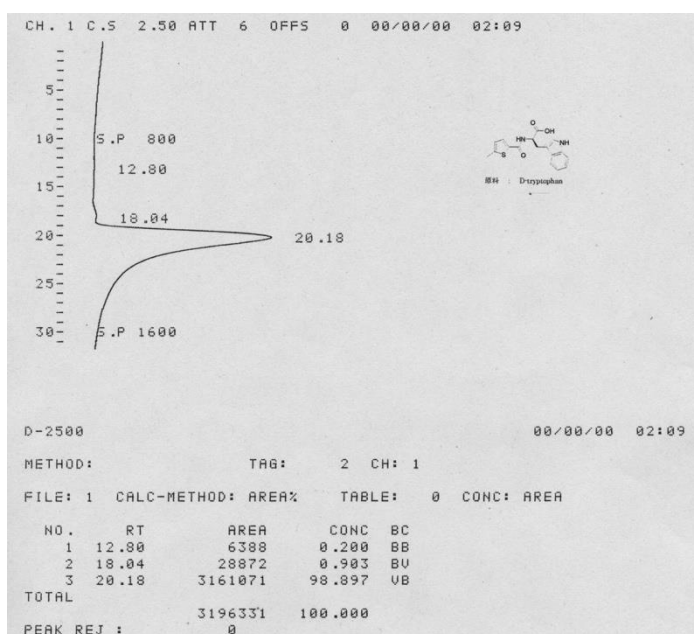
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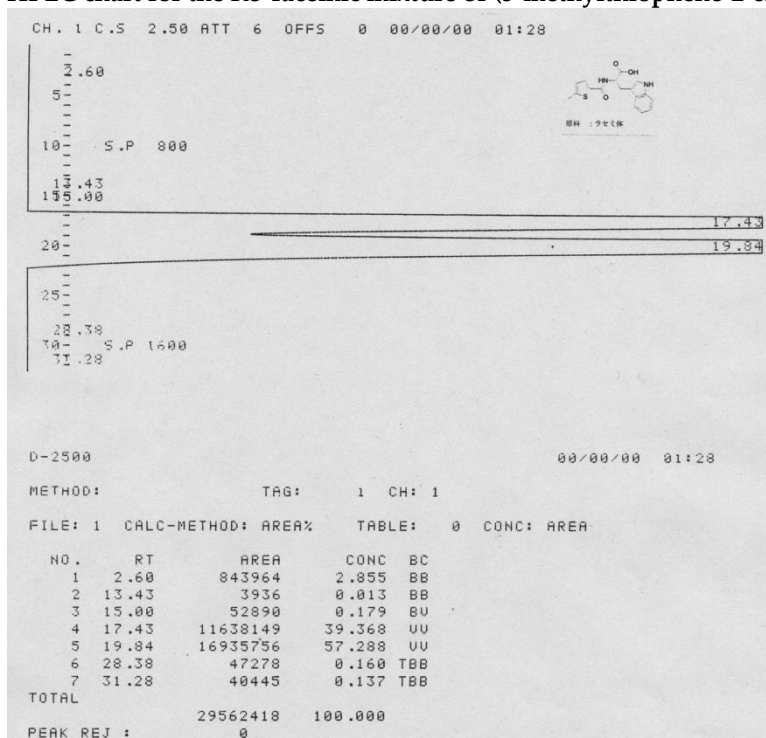
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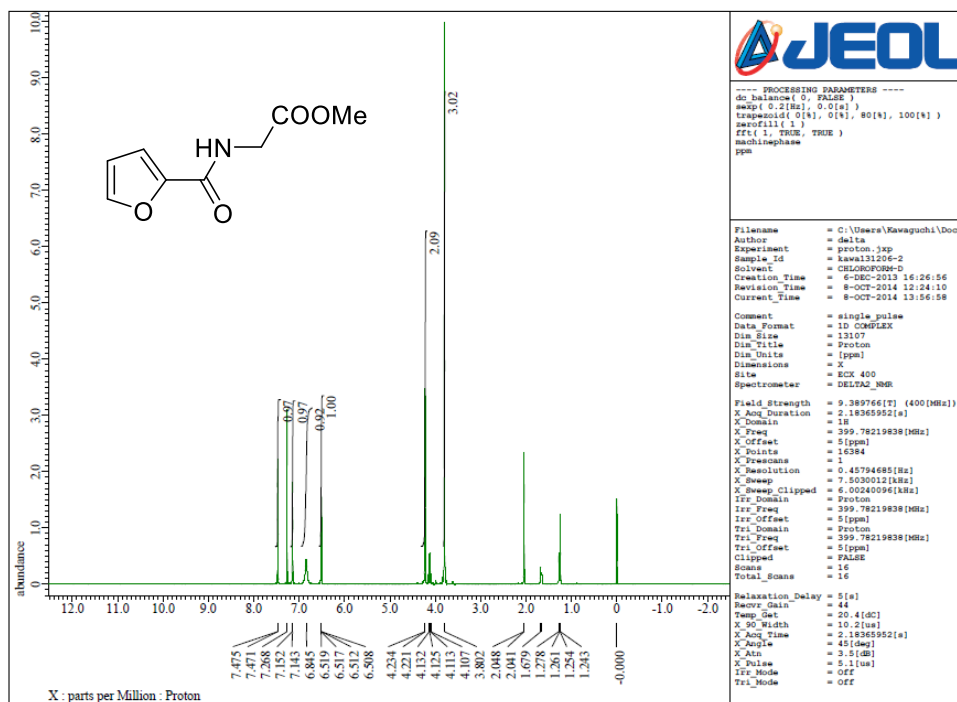
HPLC chart for compound 16 (solvent : hexane/2-propanol = 1/ 1)



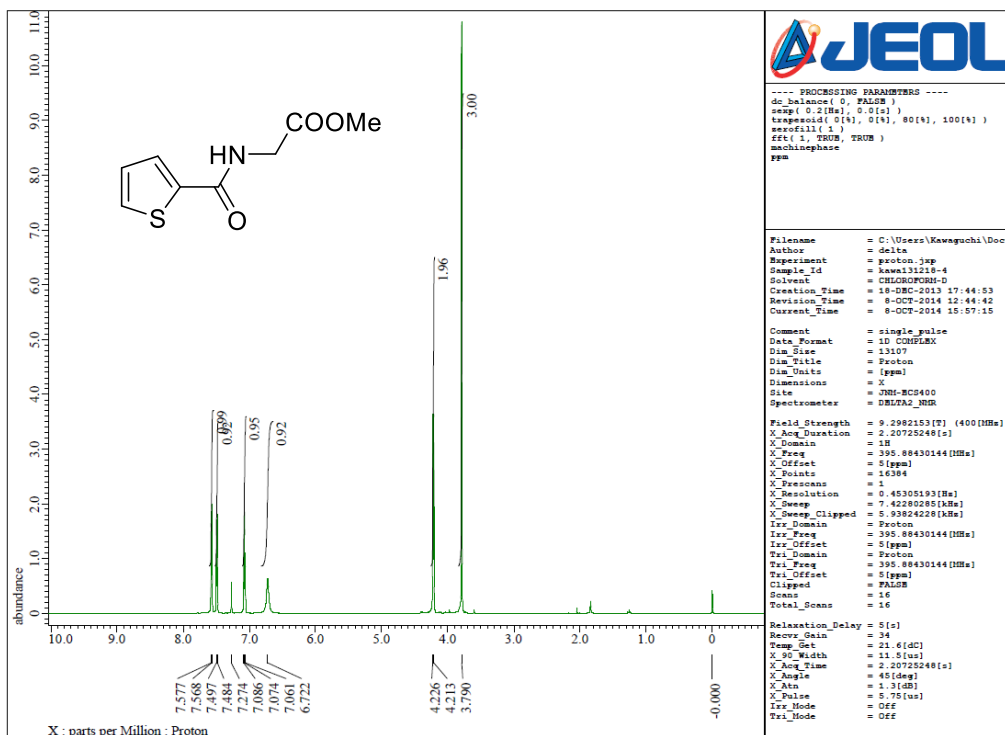
HPLC chart for the RS-racemic mixture of (5-methylthiophene-2-carbonyl)tryptophan



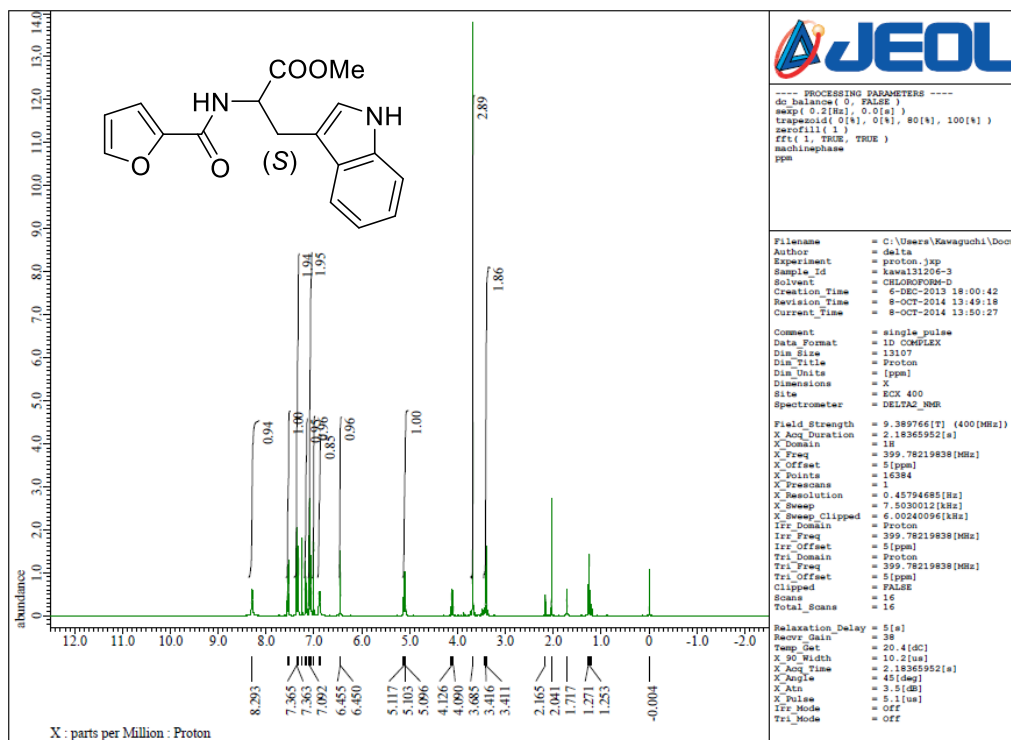
¹H NMR spectrum for compound 1



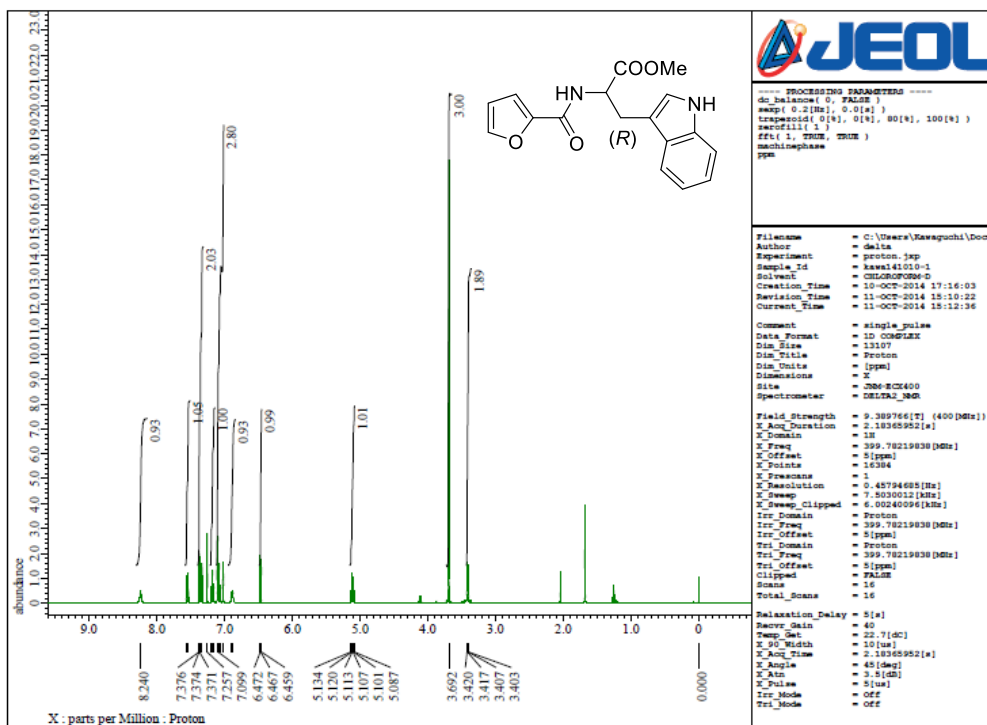
¹H NMR spectrum for compound 2



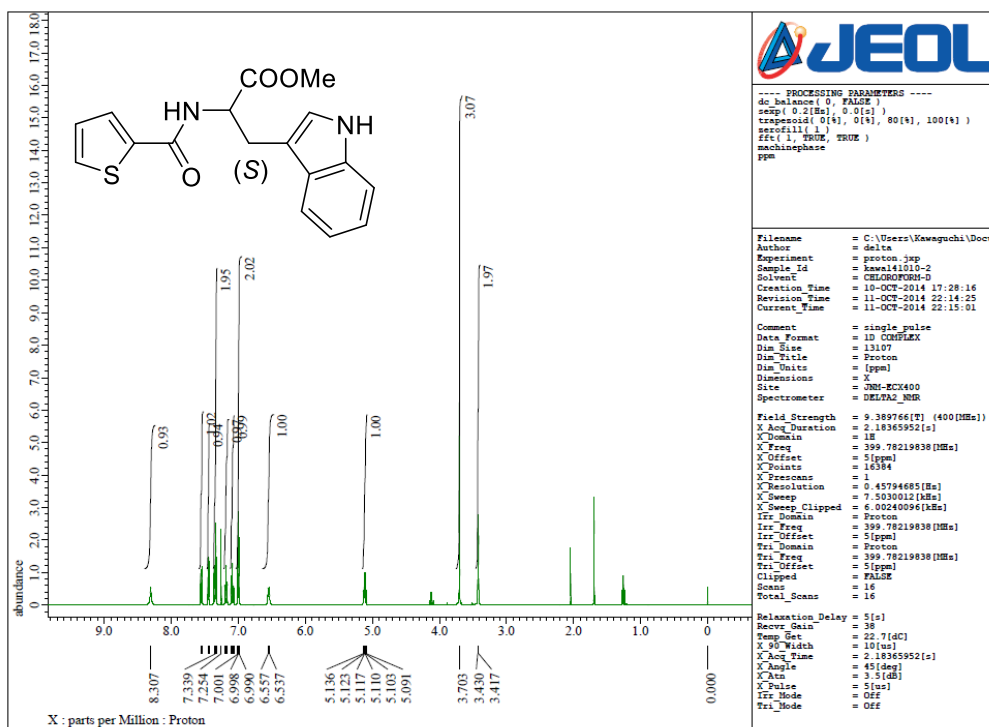
¹H NMR spectrum for compound 3



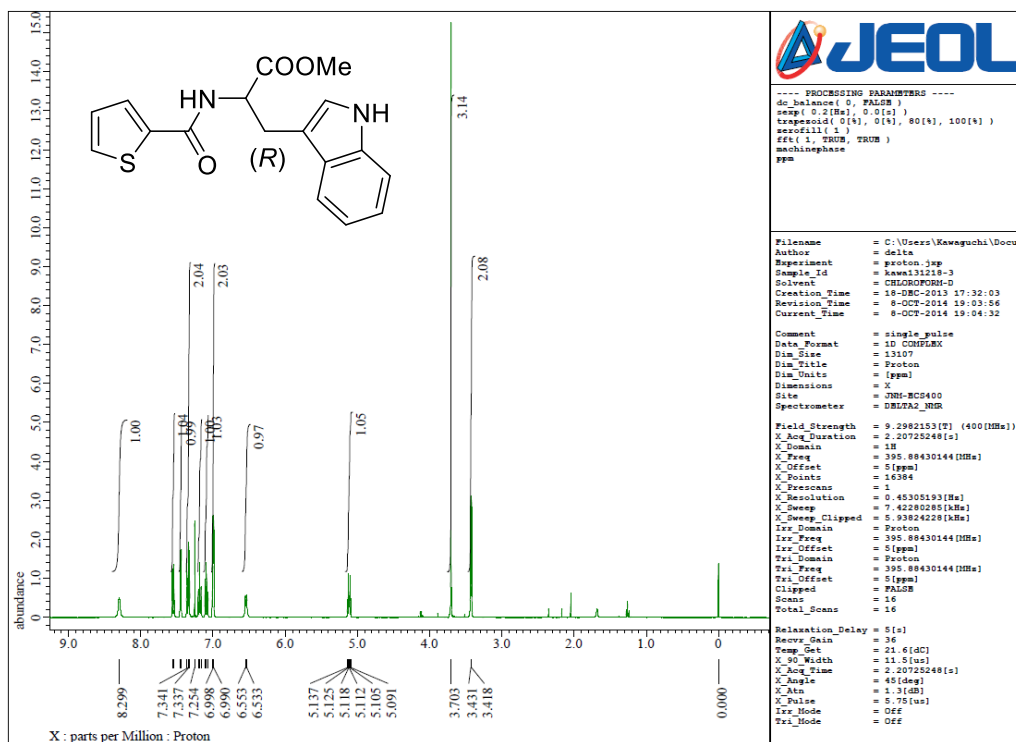
¹H NMR spectrum for compound 4



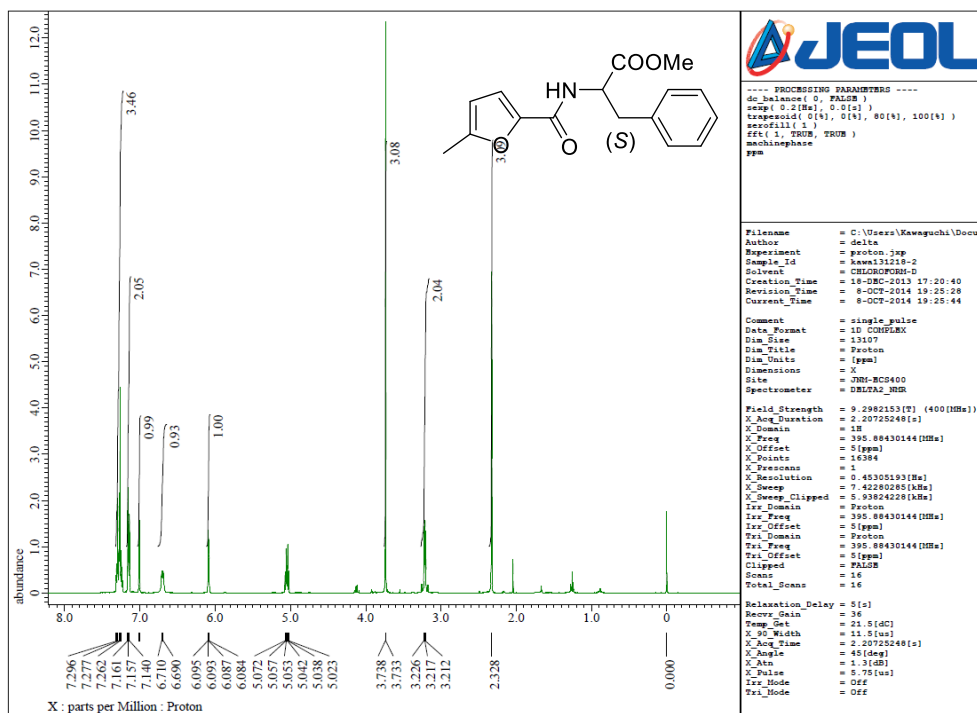
¹H NMR spectrum for compound 5



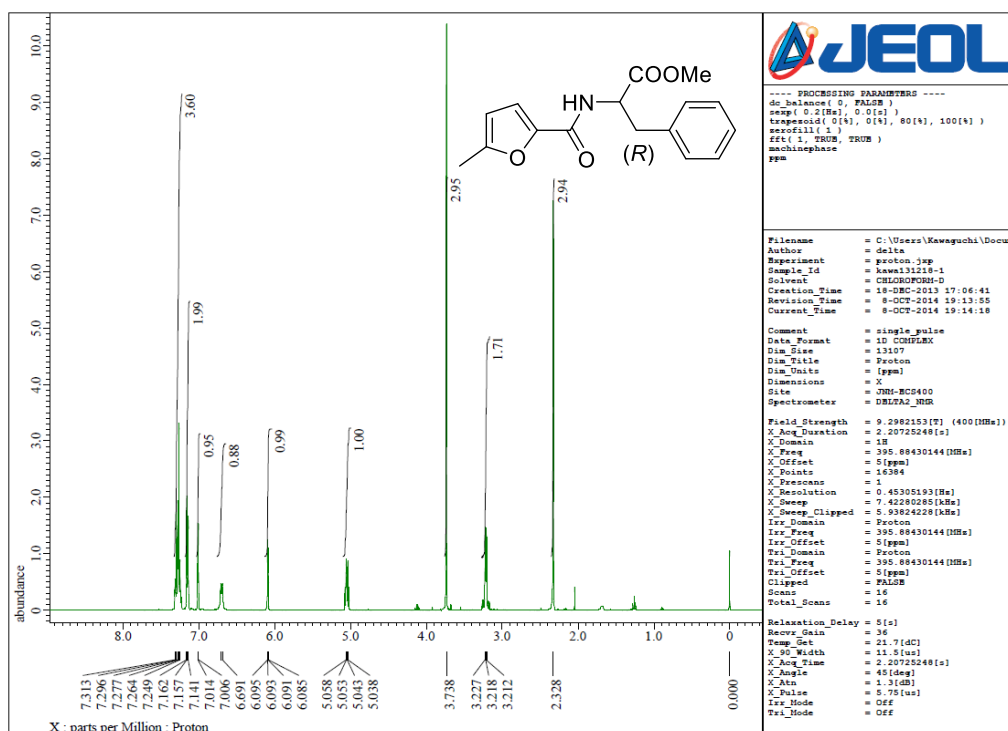
¹H NMR spectrum for compound 6



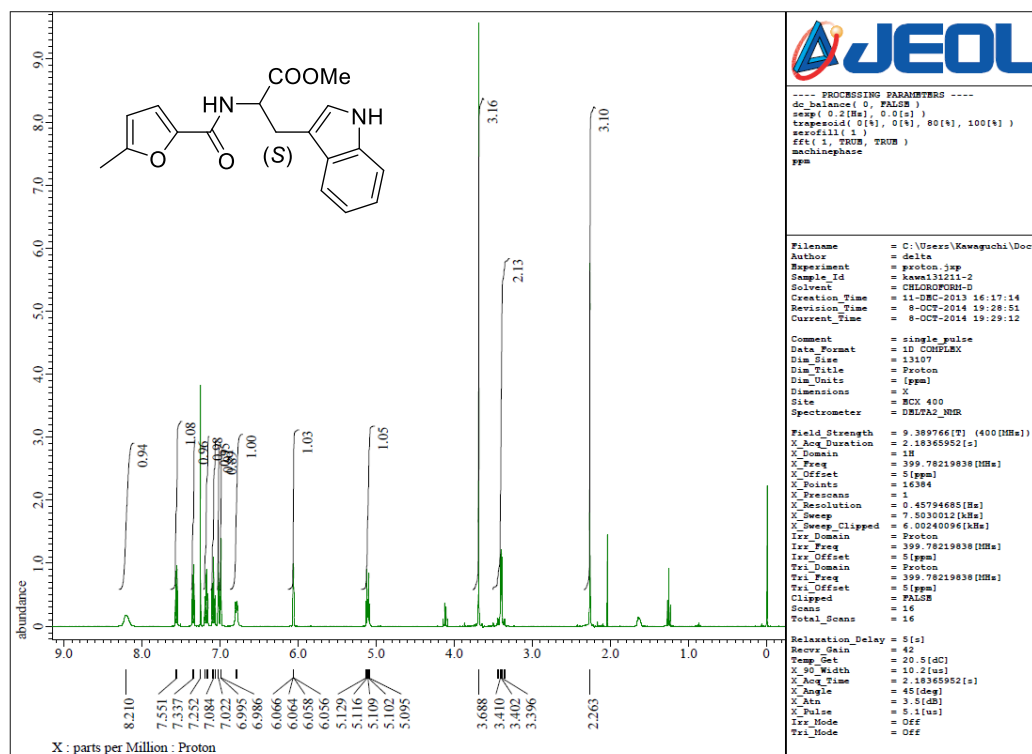
¹H NMR spectrum for compound 7



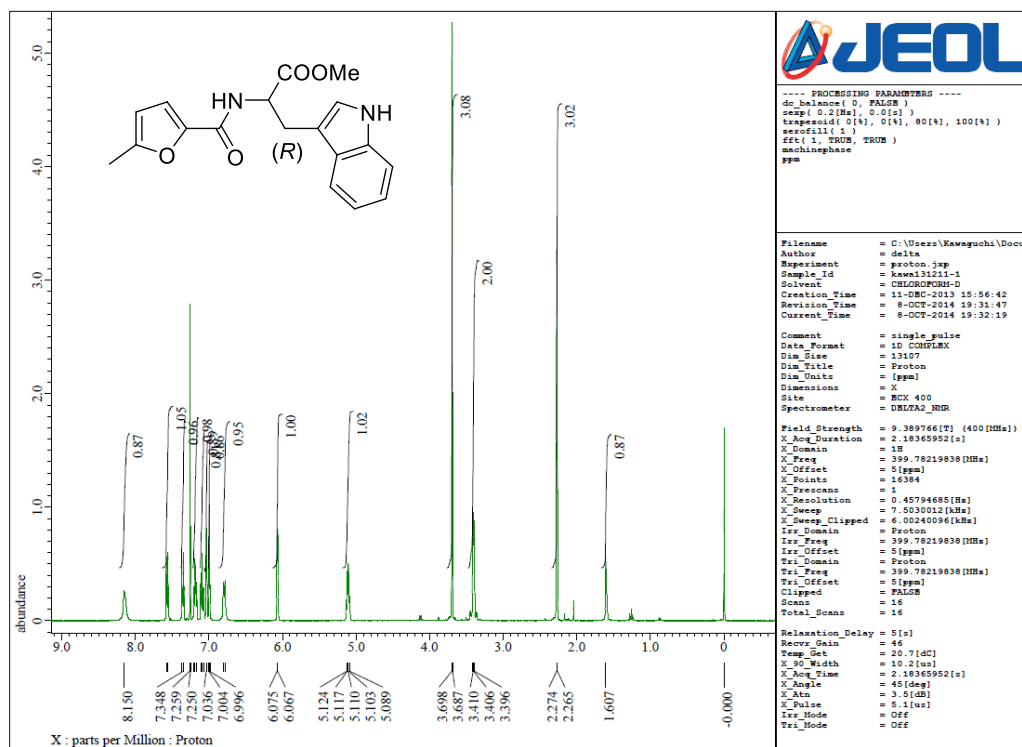
¹H NMR spectrum for compound 8



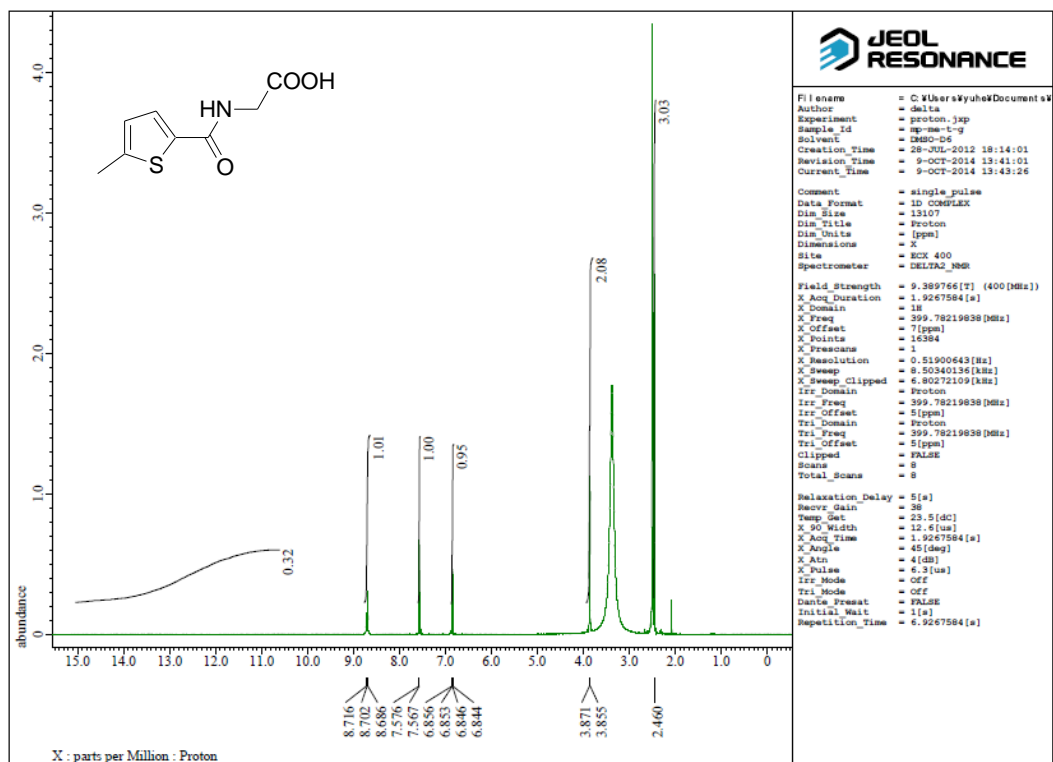
¹H NMR spectrum for compound 9



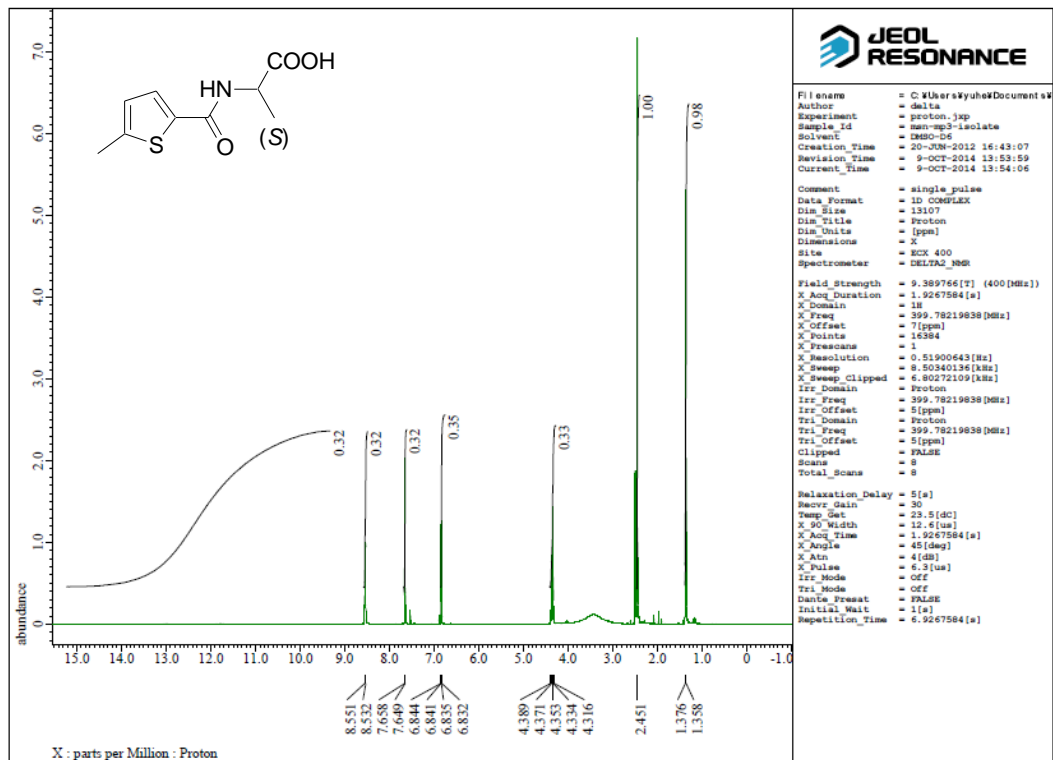
¹H NMR spectrum for compound 10



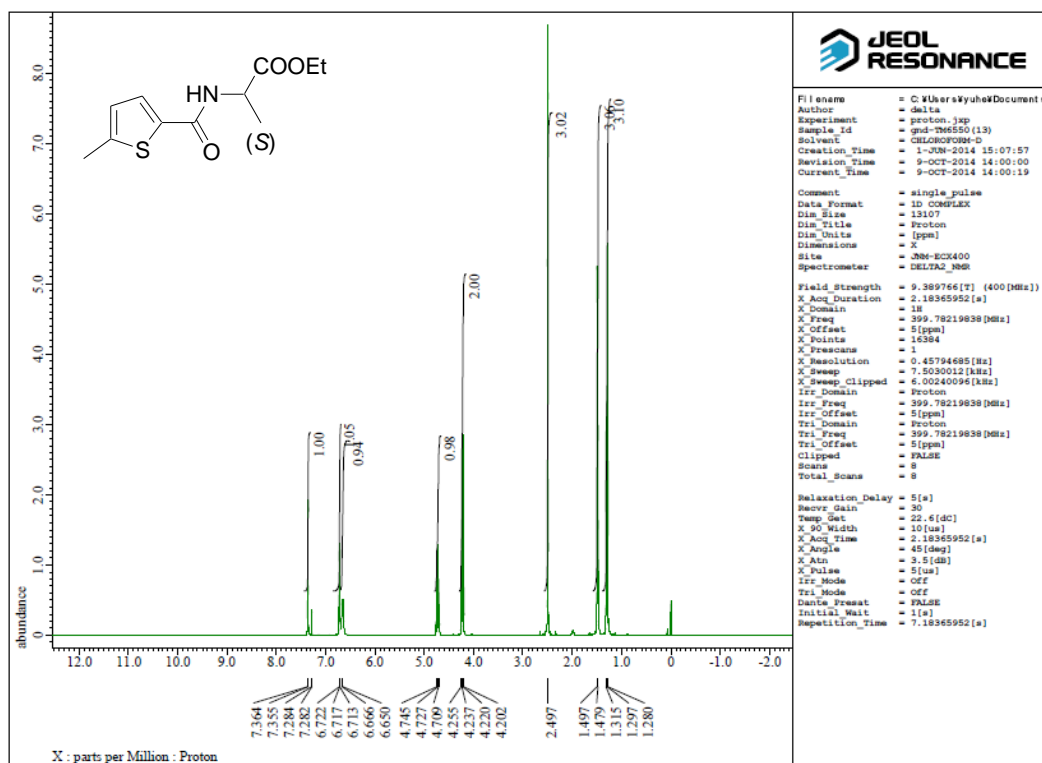
¹H NMR spectrum for compound 11



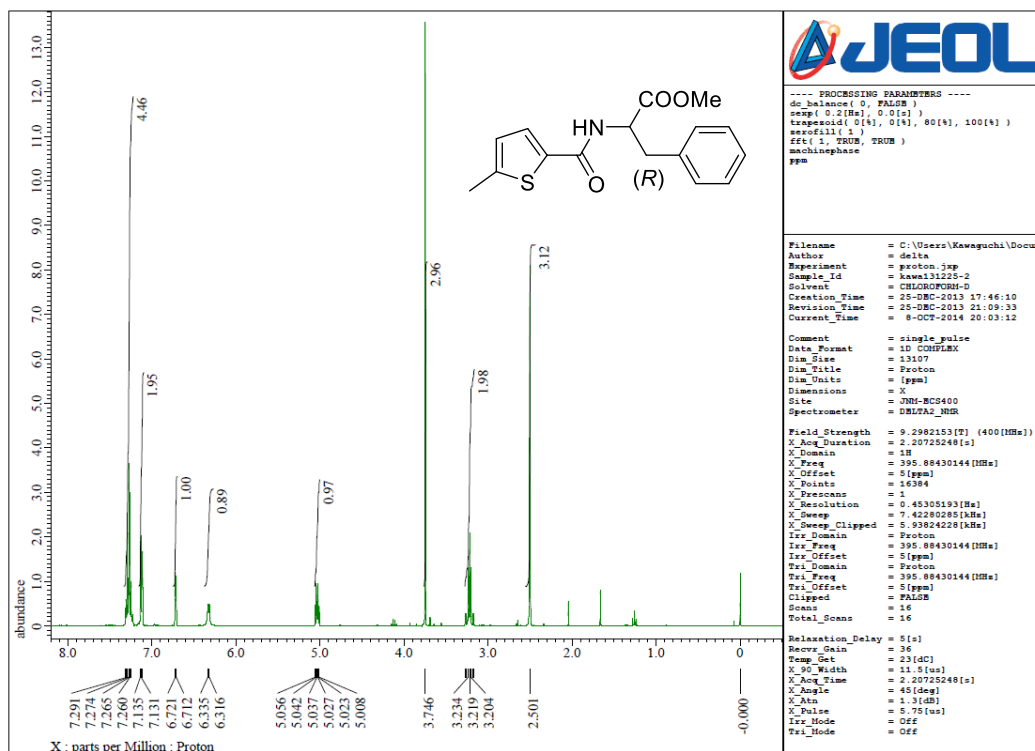
¹H NMR spectrum for compound 12



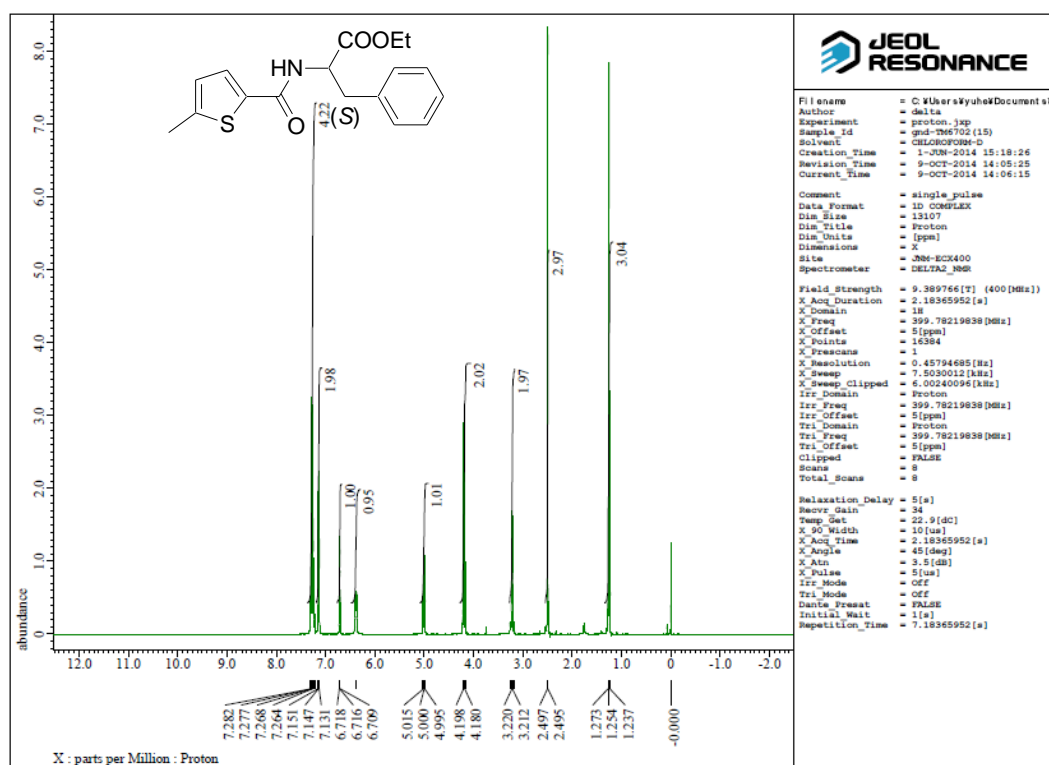
¹H NMR spectrum for compound 13



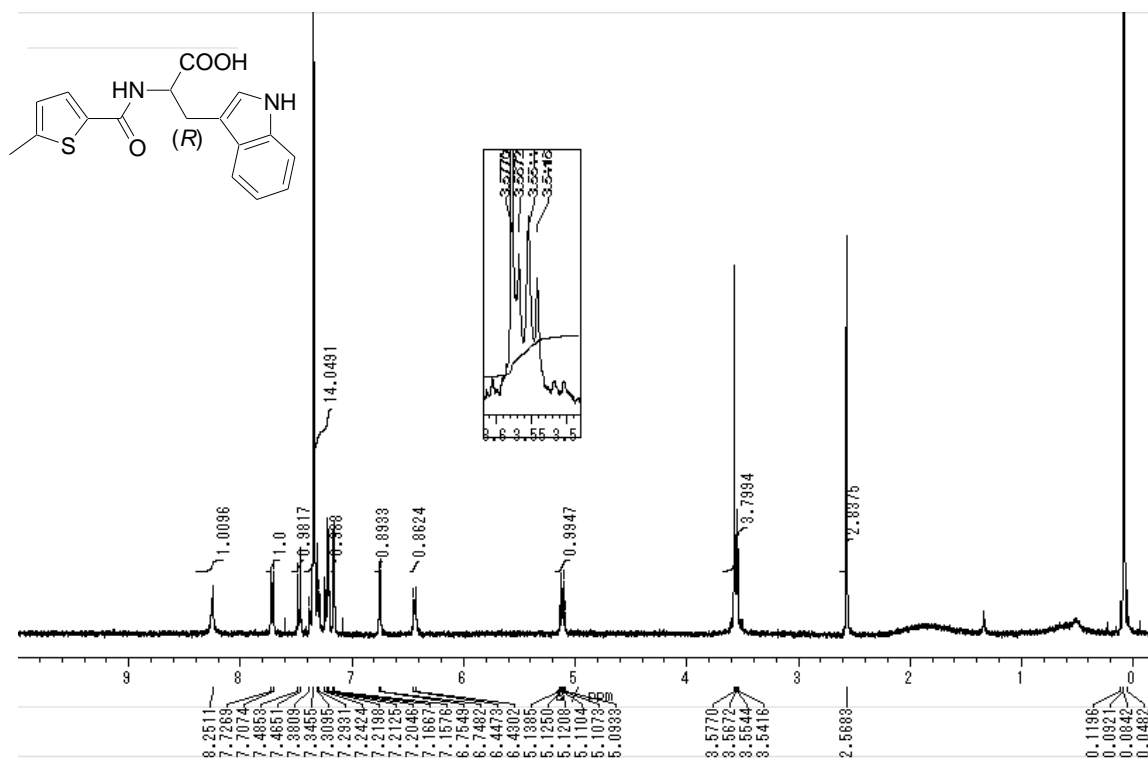
¹H NMR spectrum for compound 14



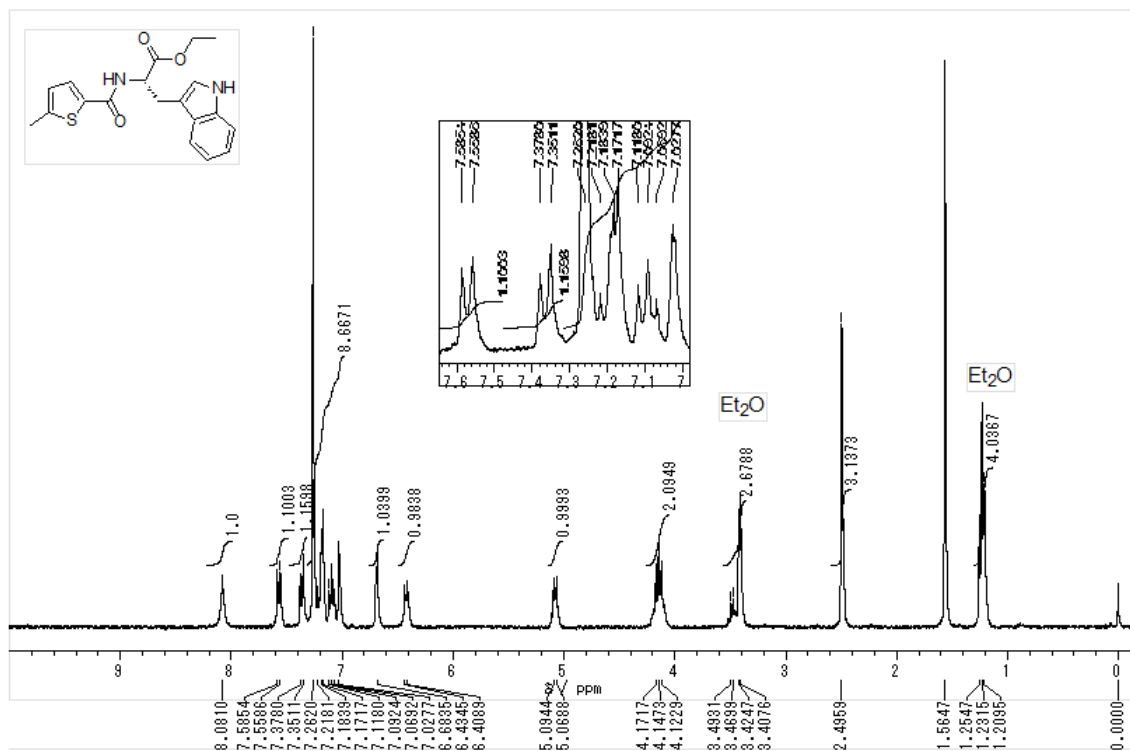
¹H NMR spectrum for compound 15



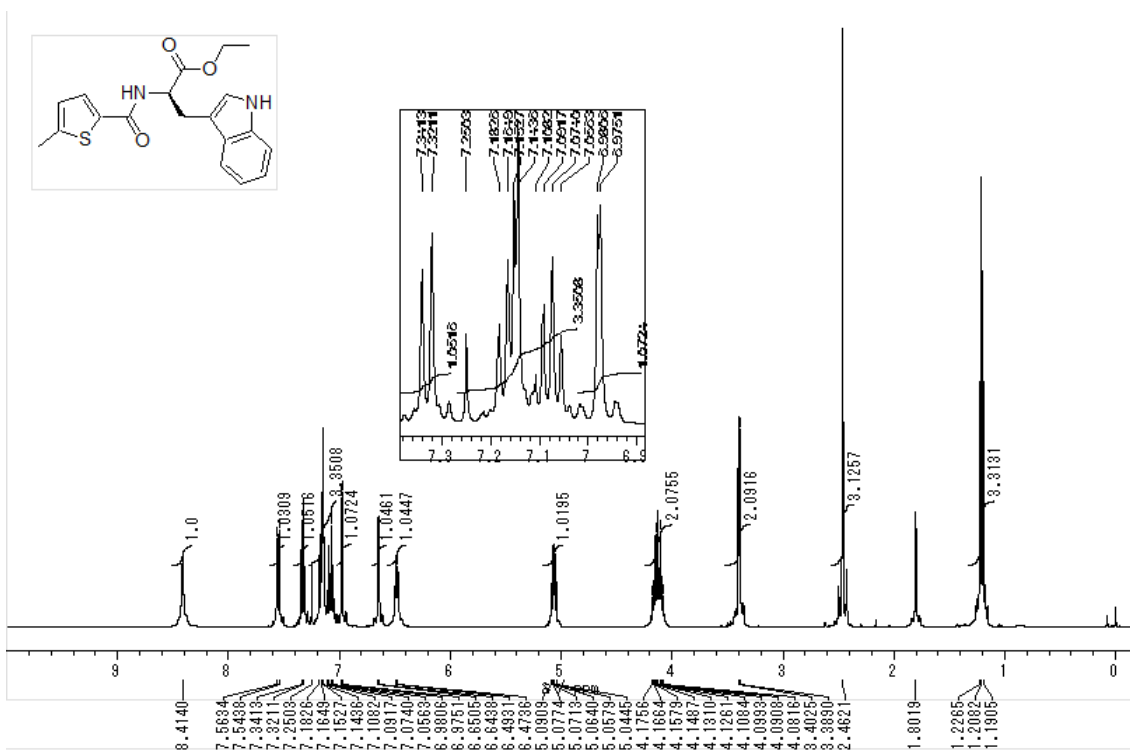
¹H NMR spectrum for compound 16



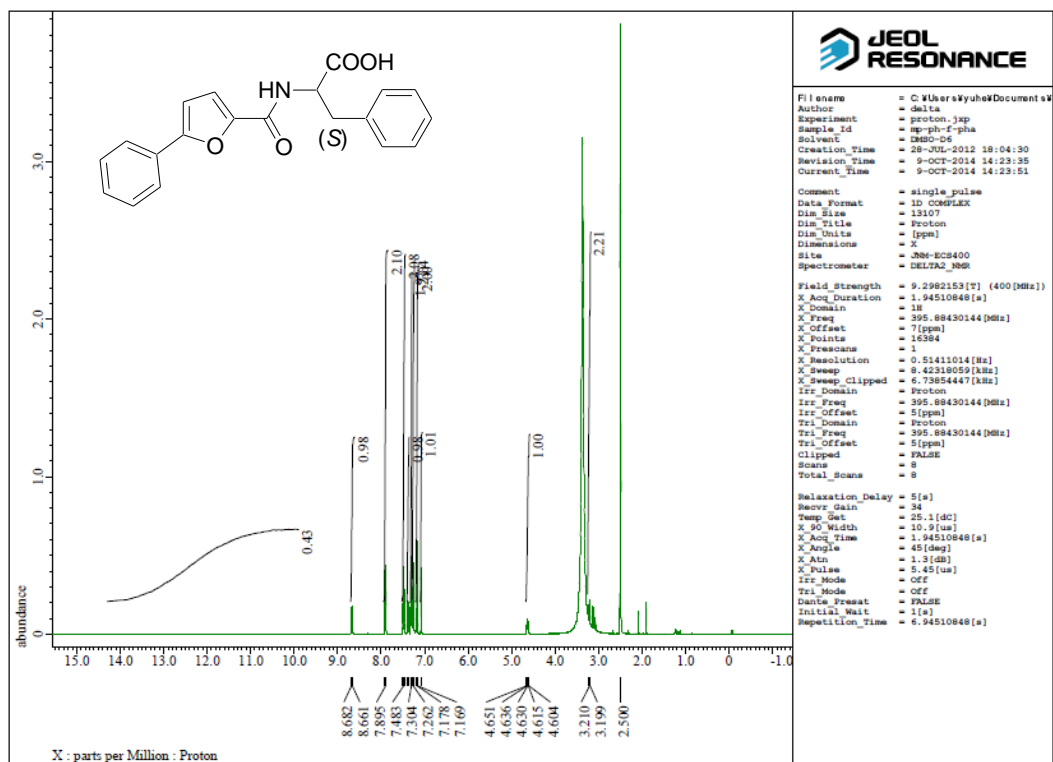
¹H NMR spectrum for compound 17



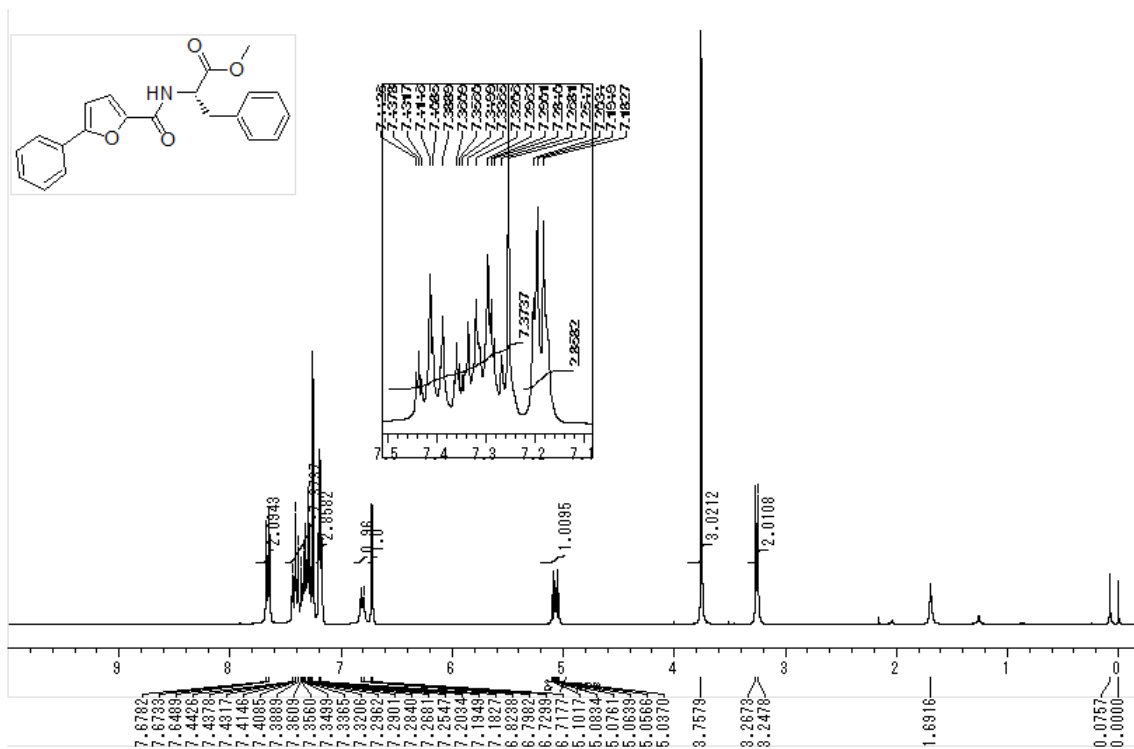
¹H NMR spectrum for compound 18



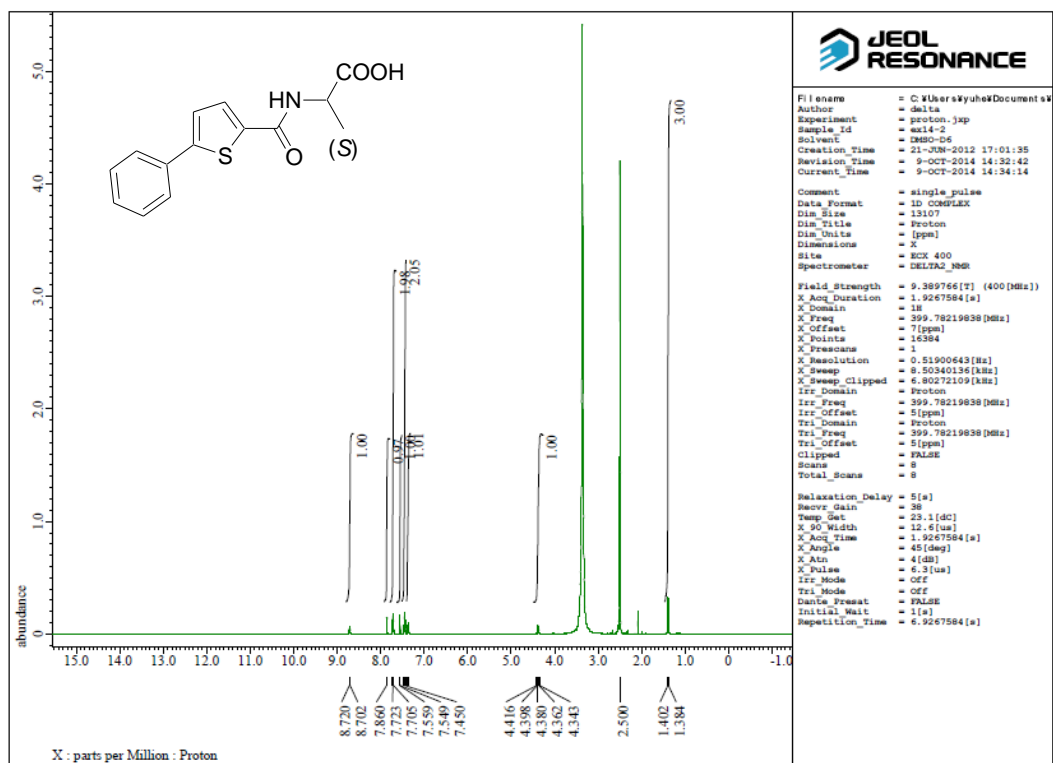
¹H NMR spectrum for compound 19



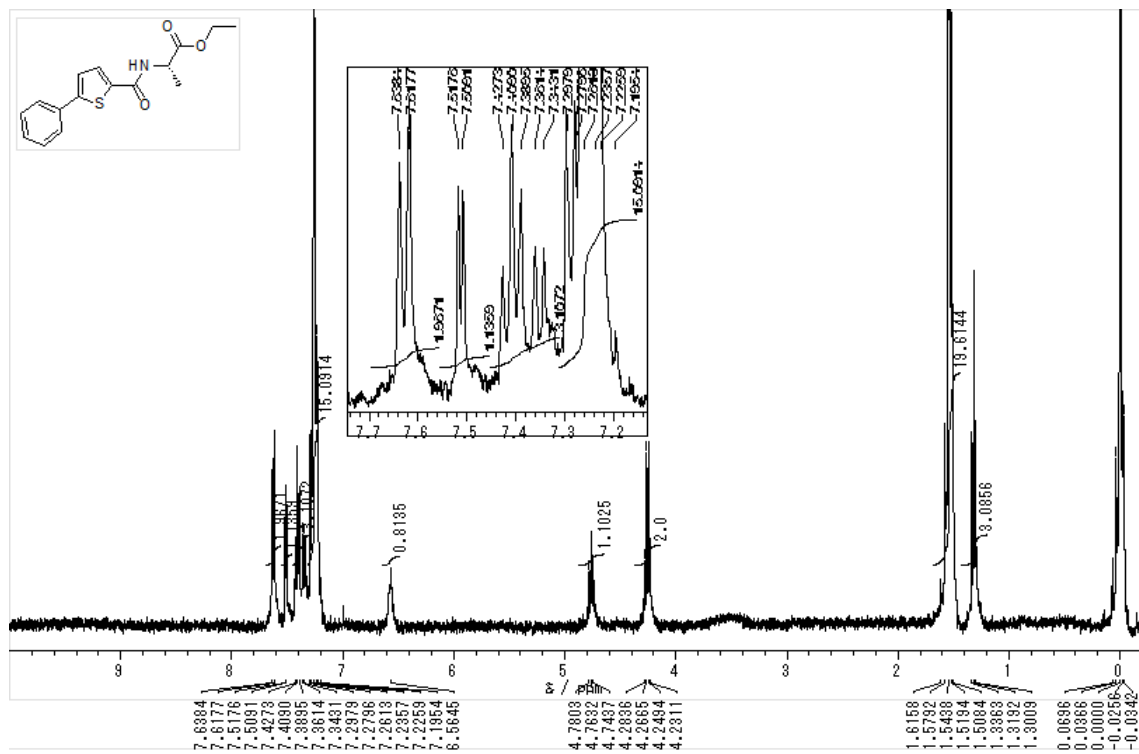
¹H NMR spectrum for compound 20



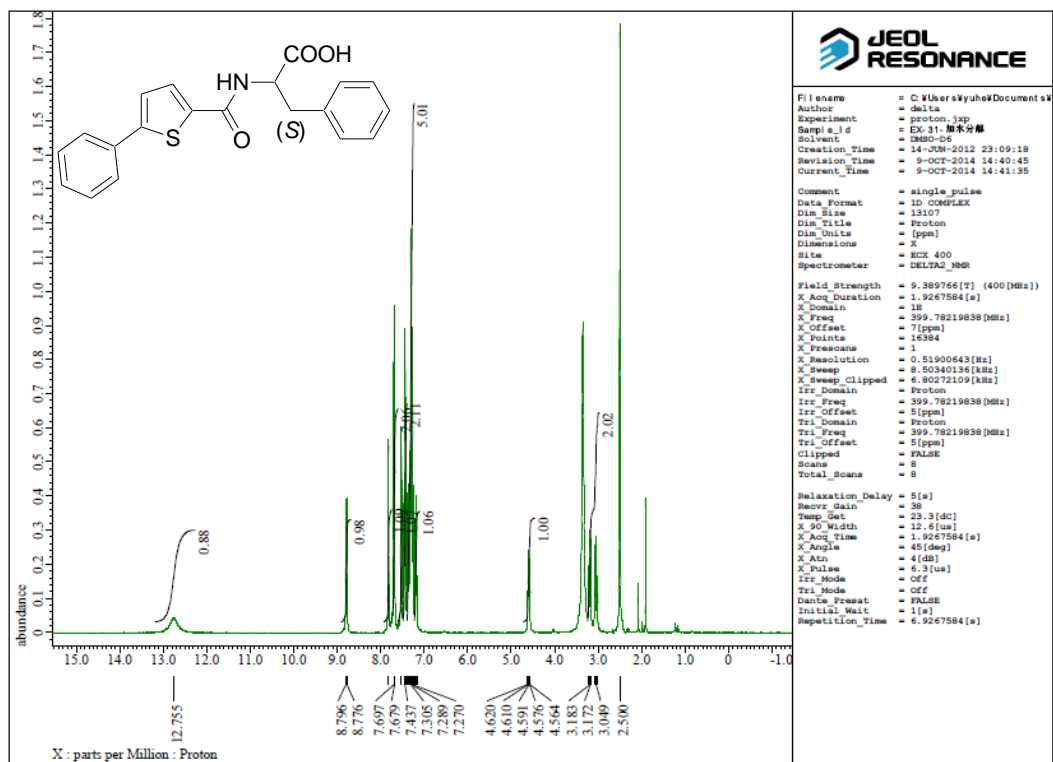
¹H NMR spectrum for compound 21



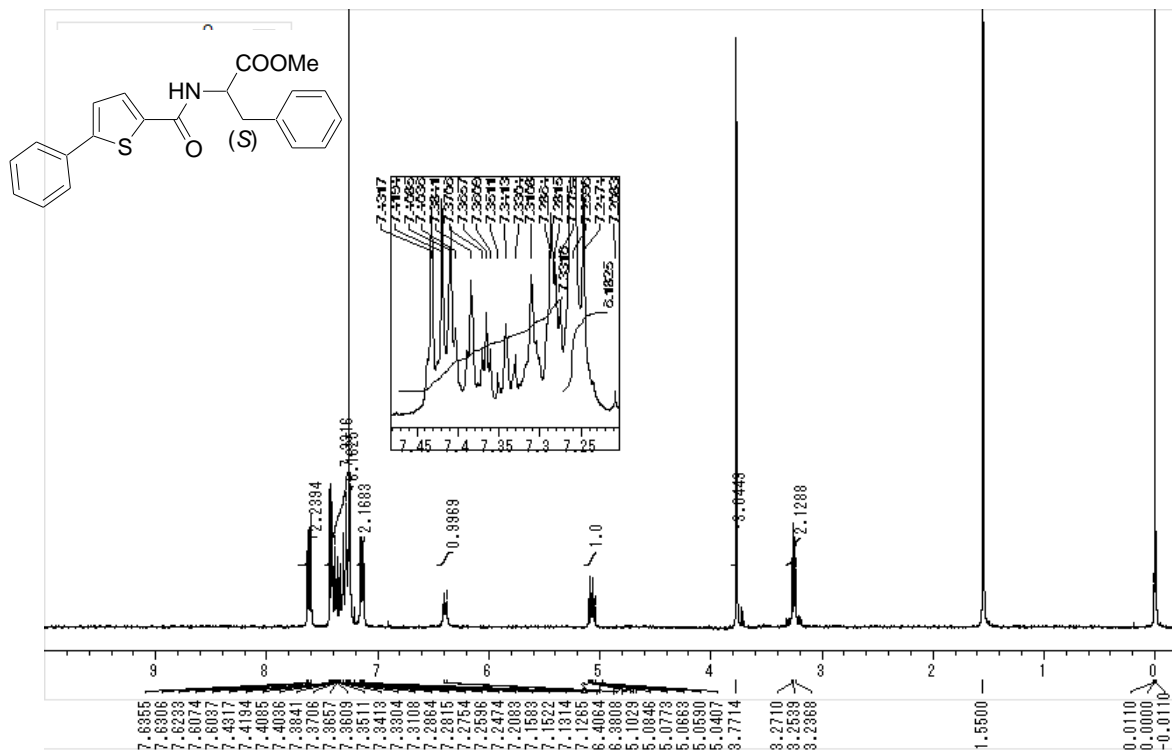
¹H NMR spectrum for compound 22



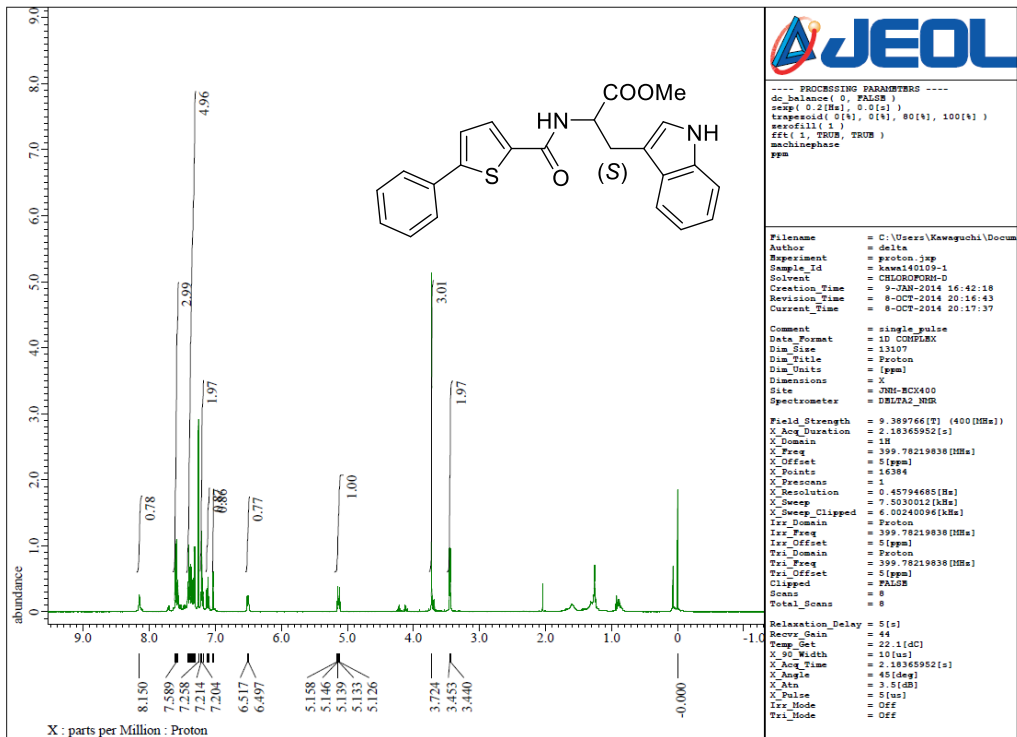
¹H NMR spectrum for compound 23



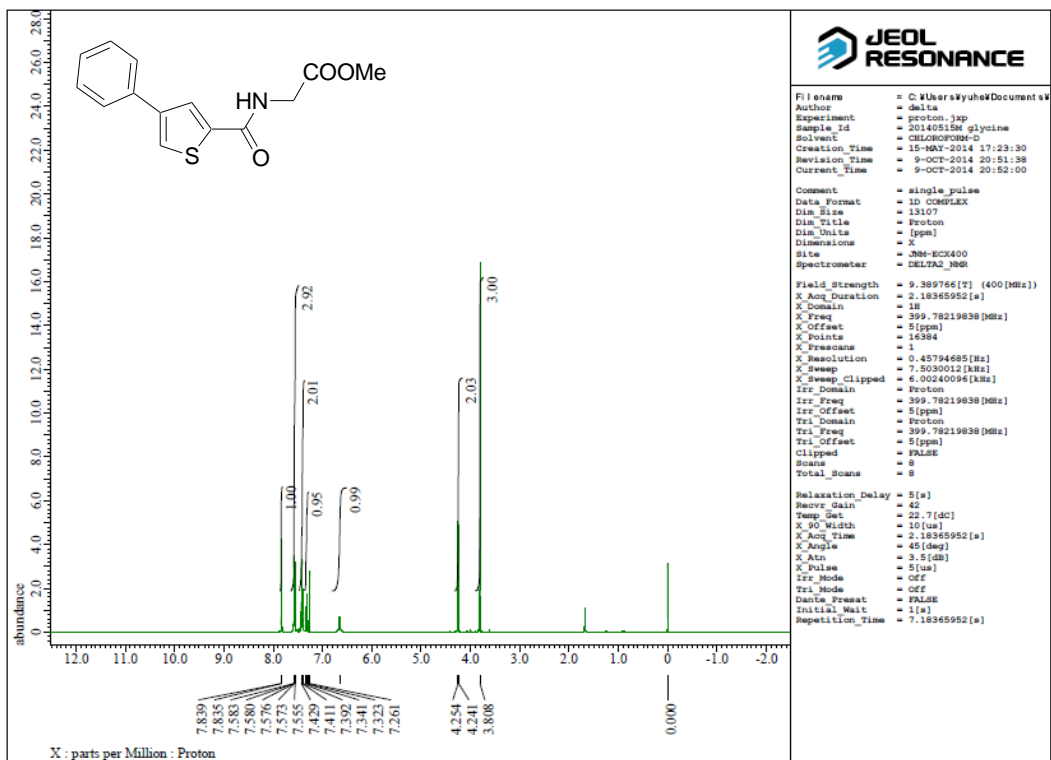
¹H NMR spectrum for compound 24



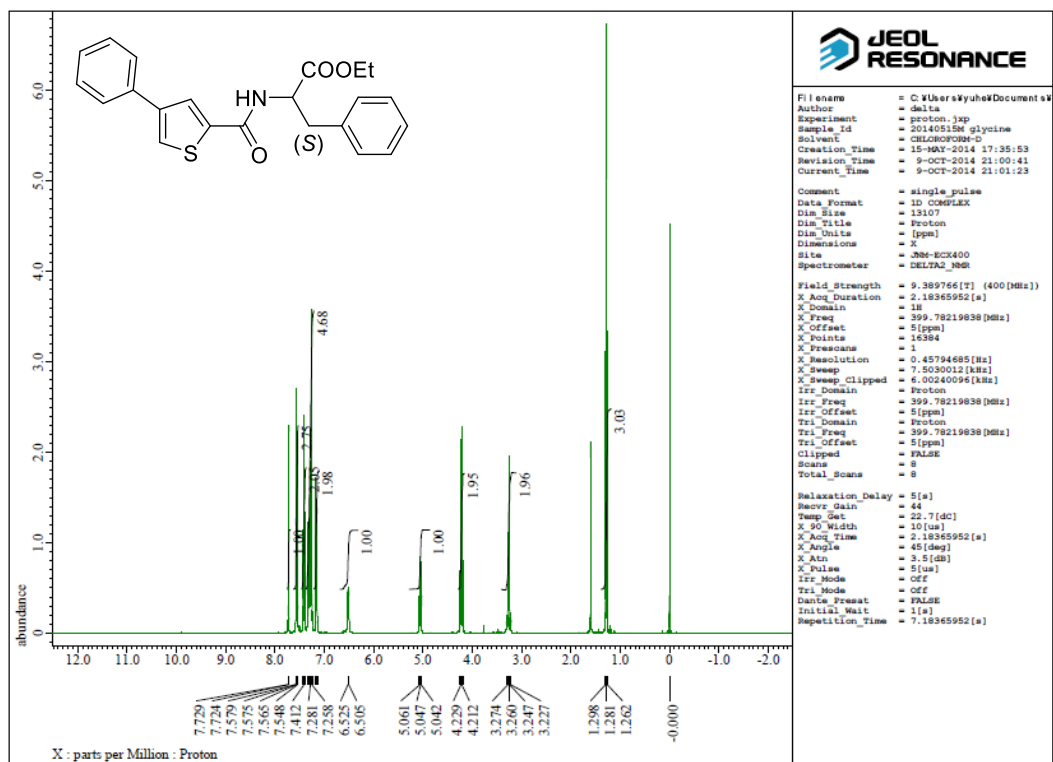
¹H NMR spectrum for compound 25



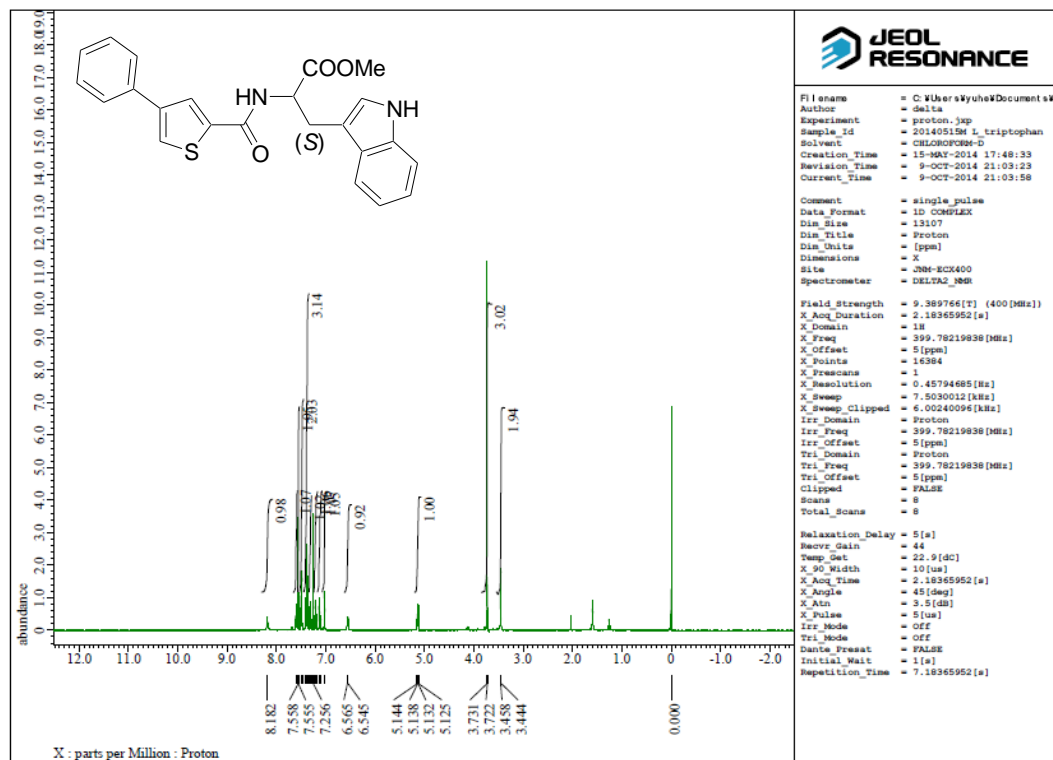
¹H NMR spectrum for compound 26



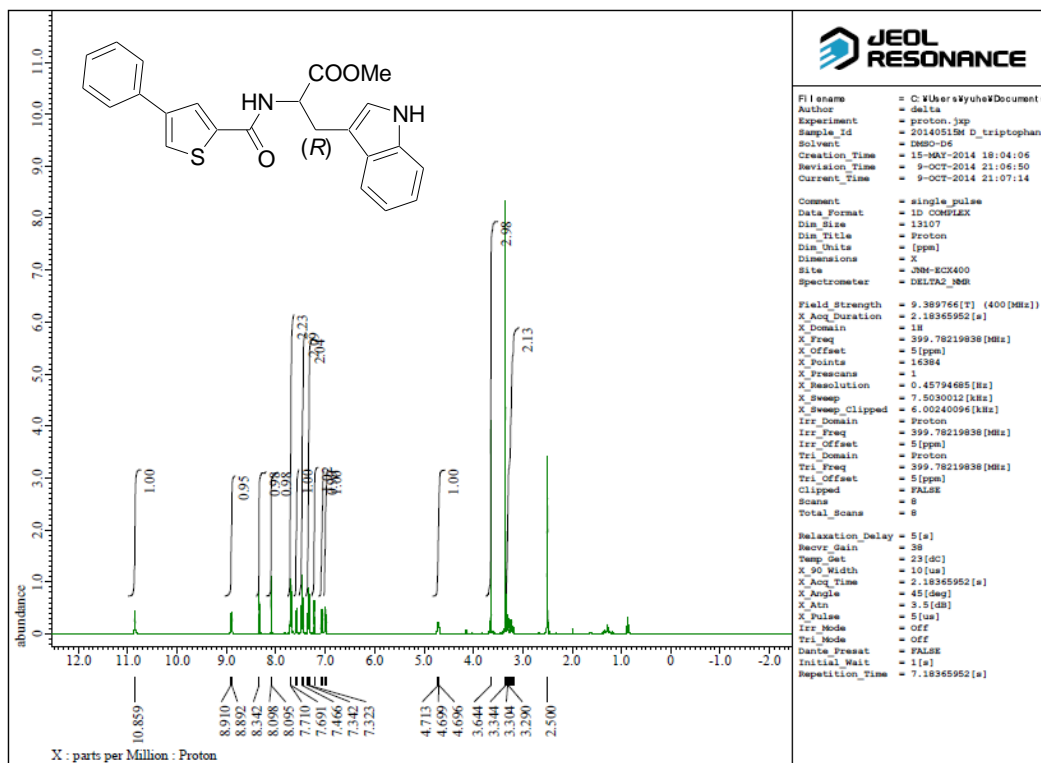
¹H NMR spectrum for compound 27



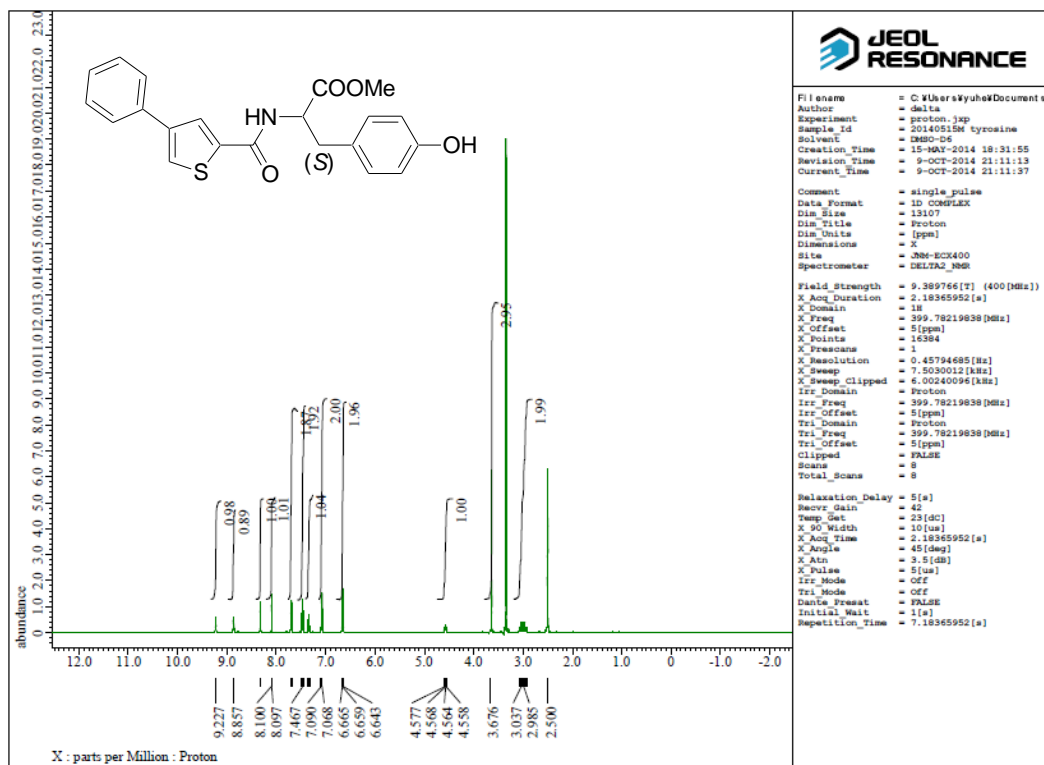
¹H NMR spectrum for compound 28



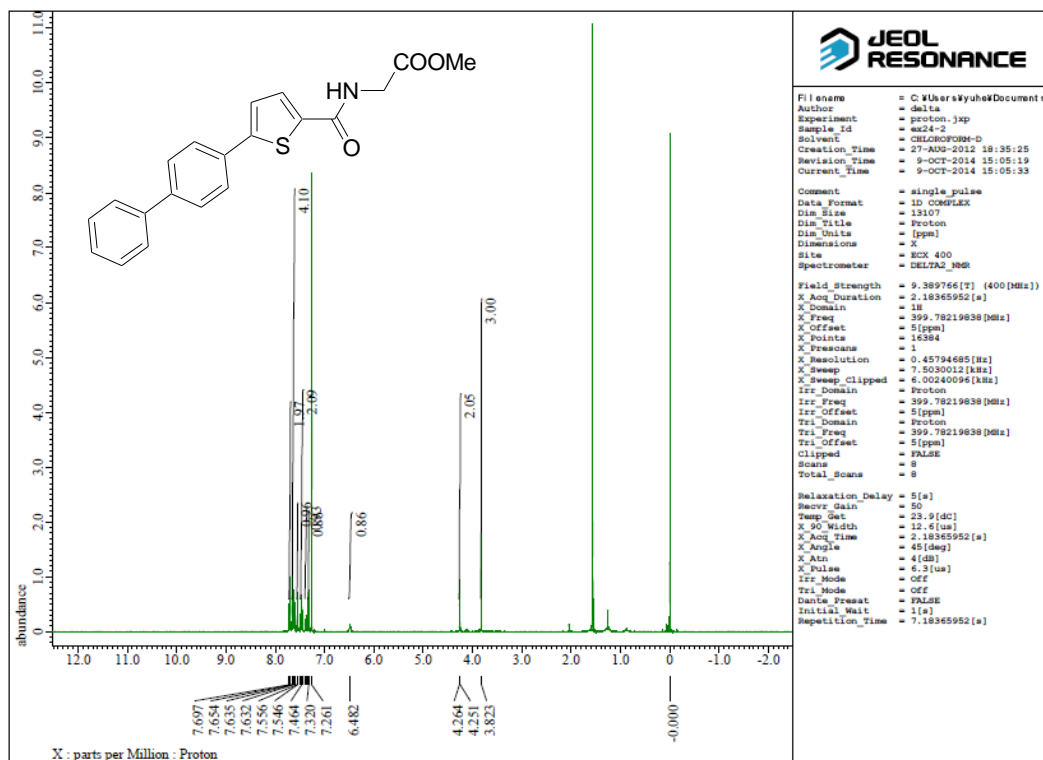
¹H NMR spectrum for compound 29



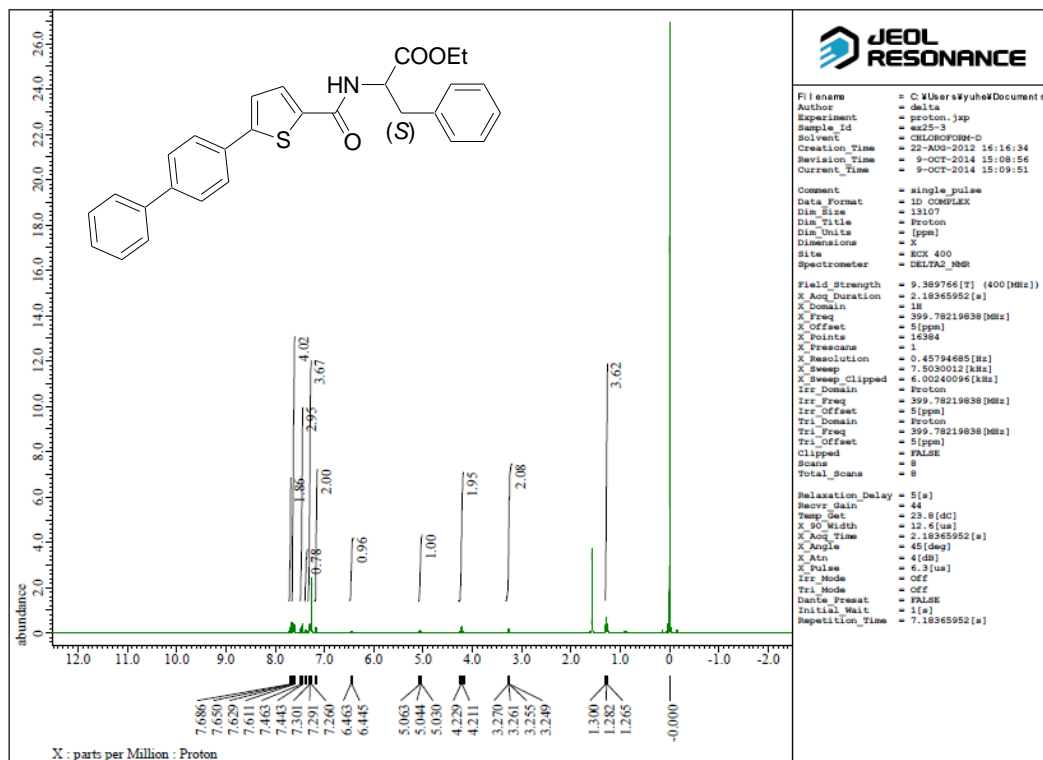
¹H NMR spectrum for compound 30



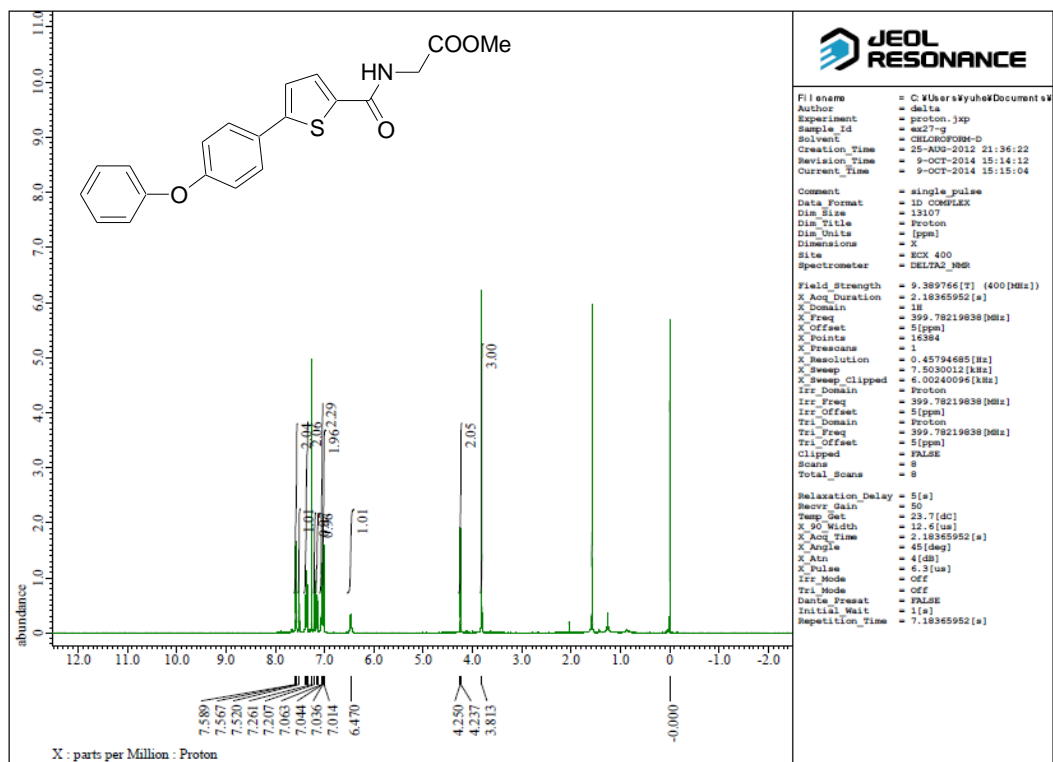
¹H NMR spectrum for compound 31



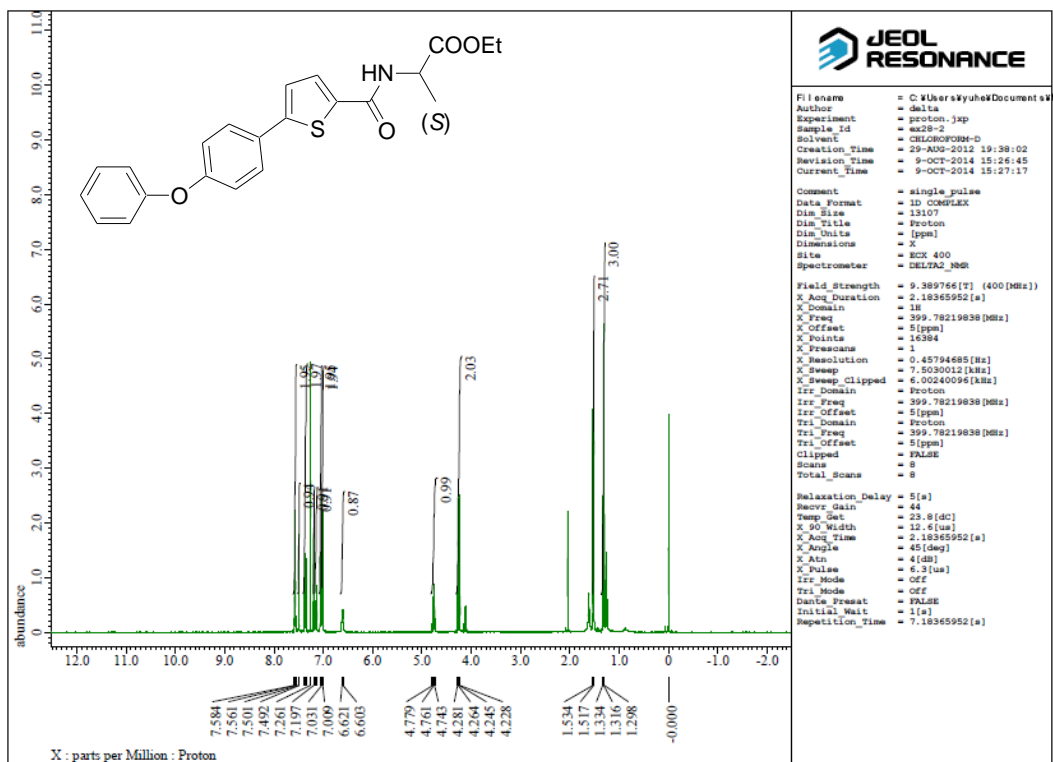
¹H NMR spectrum for compound 32



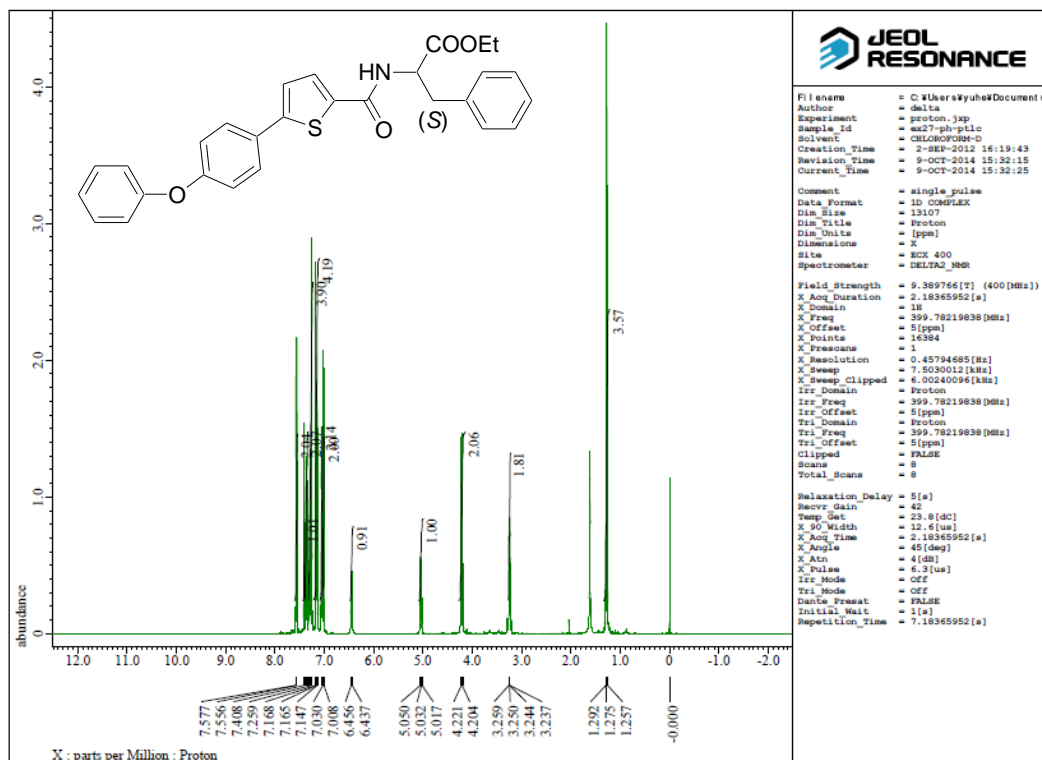
¹H NMR spectrum for compound 33



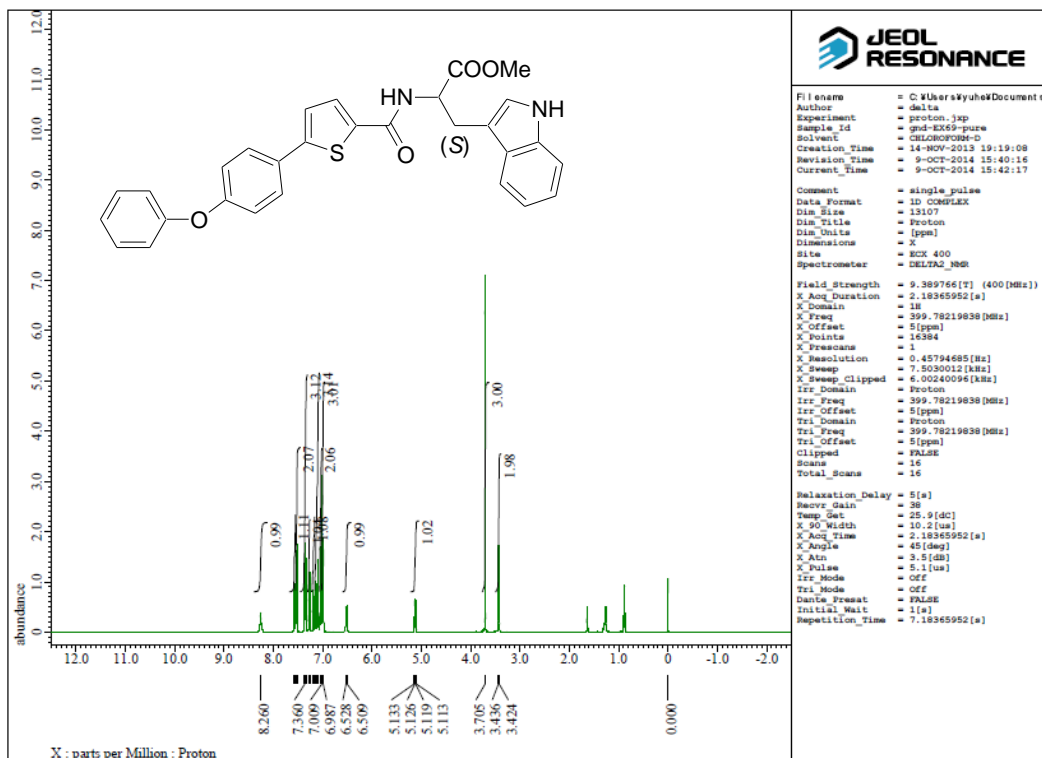
¹H NMR spectrum for compound 34



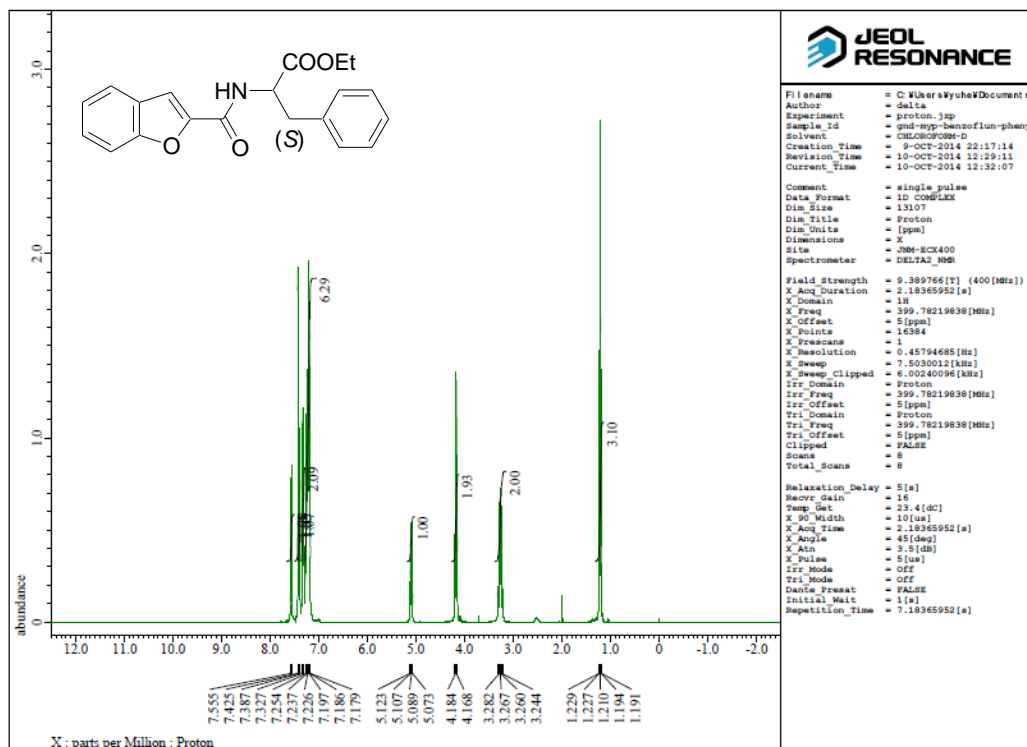
¹H NMR spectrum for compound 35



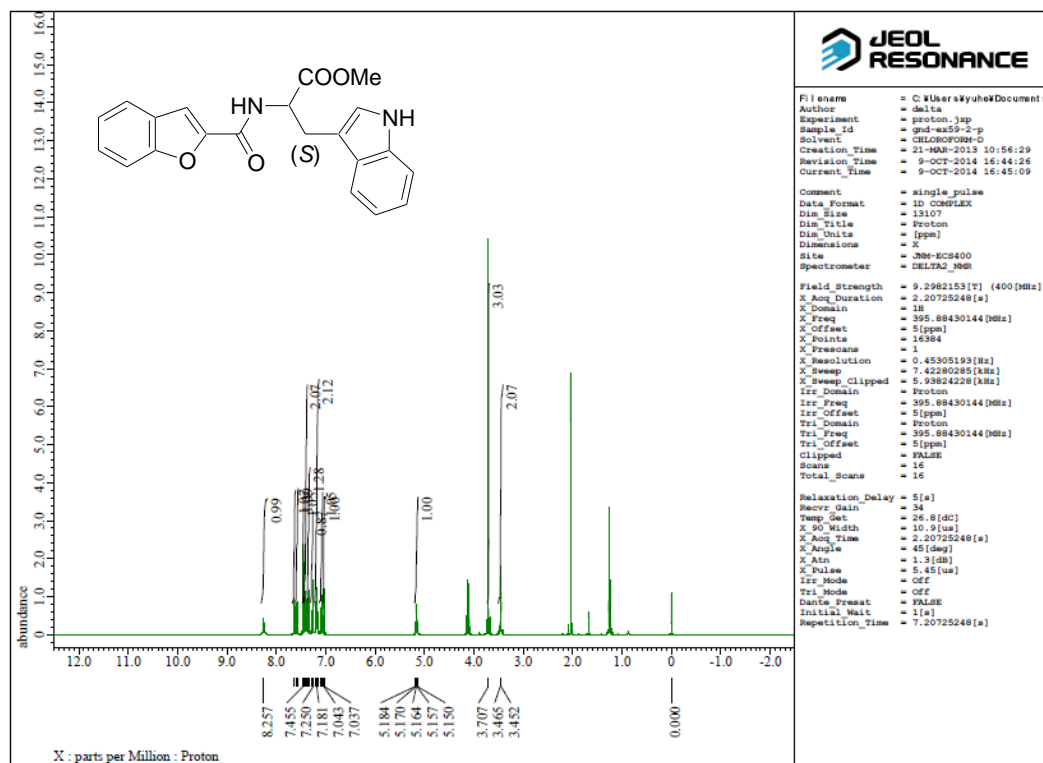
¹H NMR spectrum for compound 36



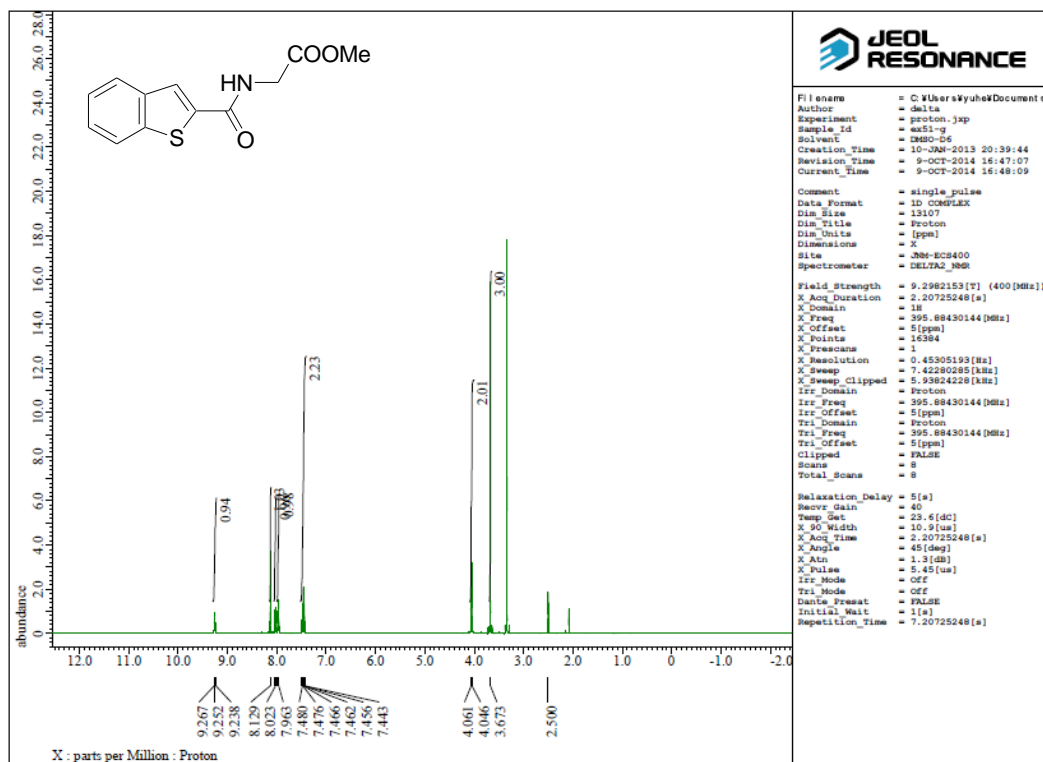
¹H NMR spectrum for compound 37



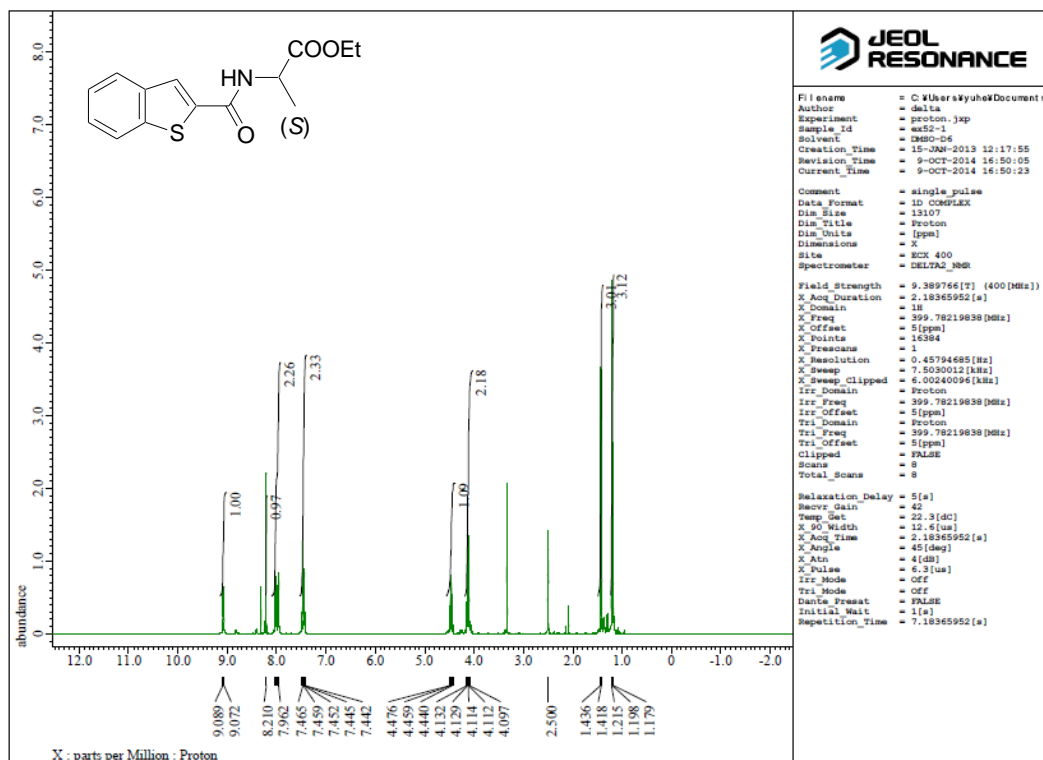
¹H NMR spectrum for compound 38



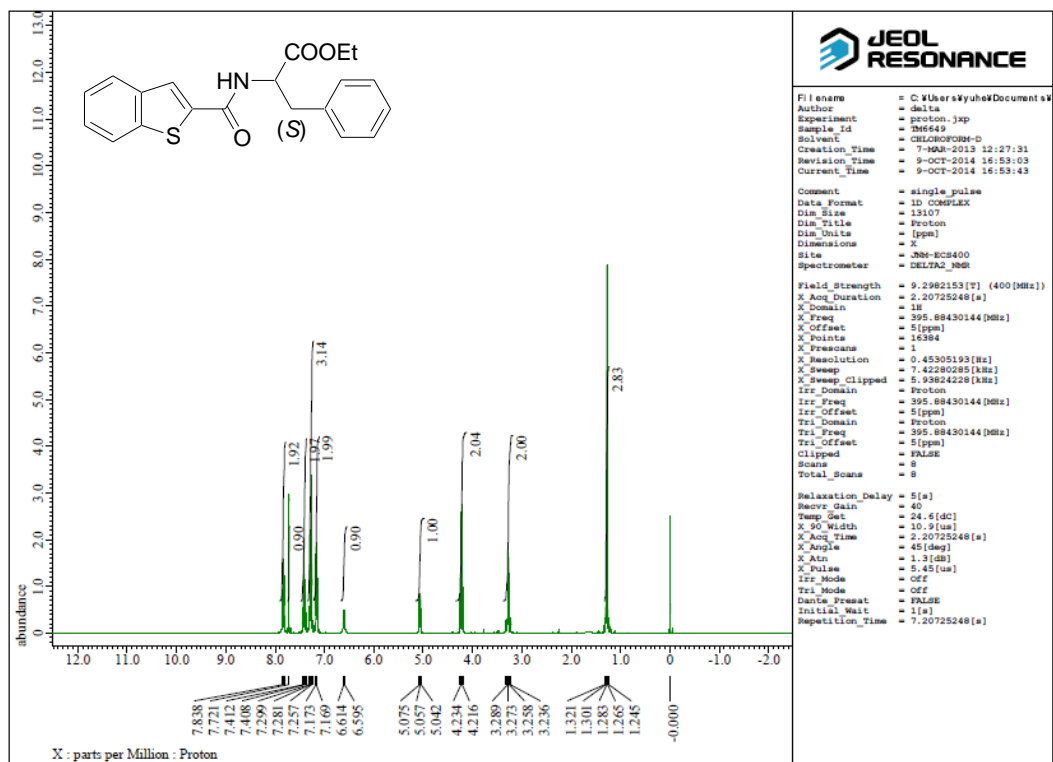
¹H NMR spectrum for compound 39



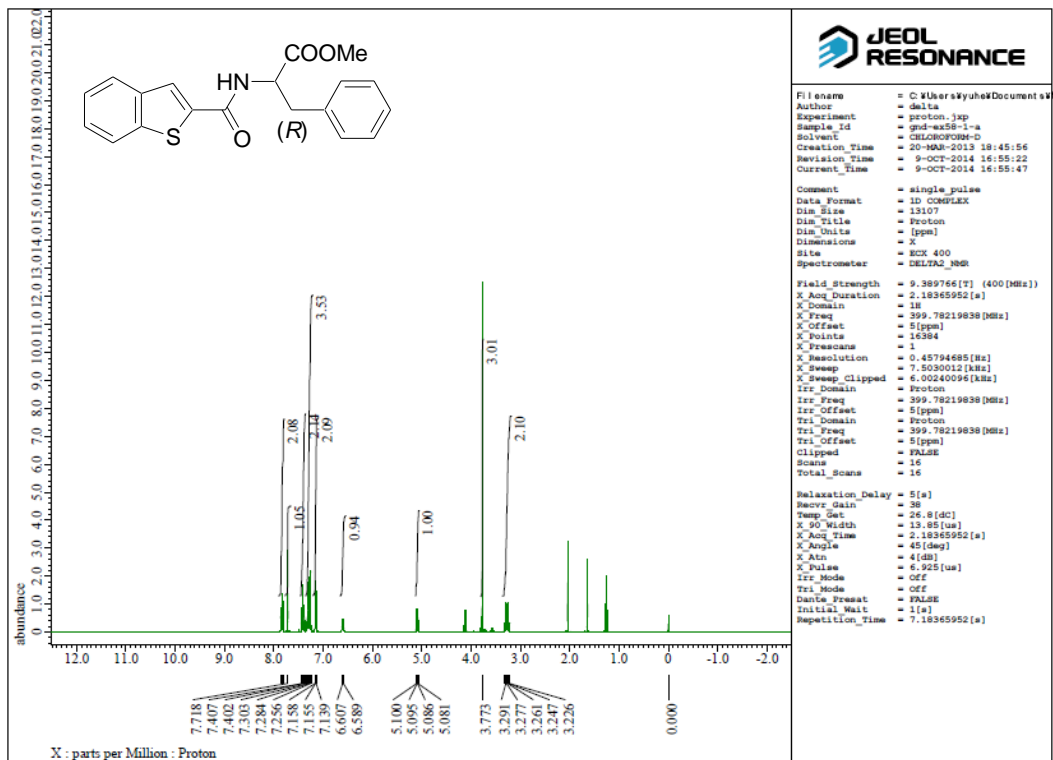
¹H NMR spectrum for compound 40



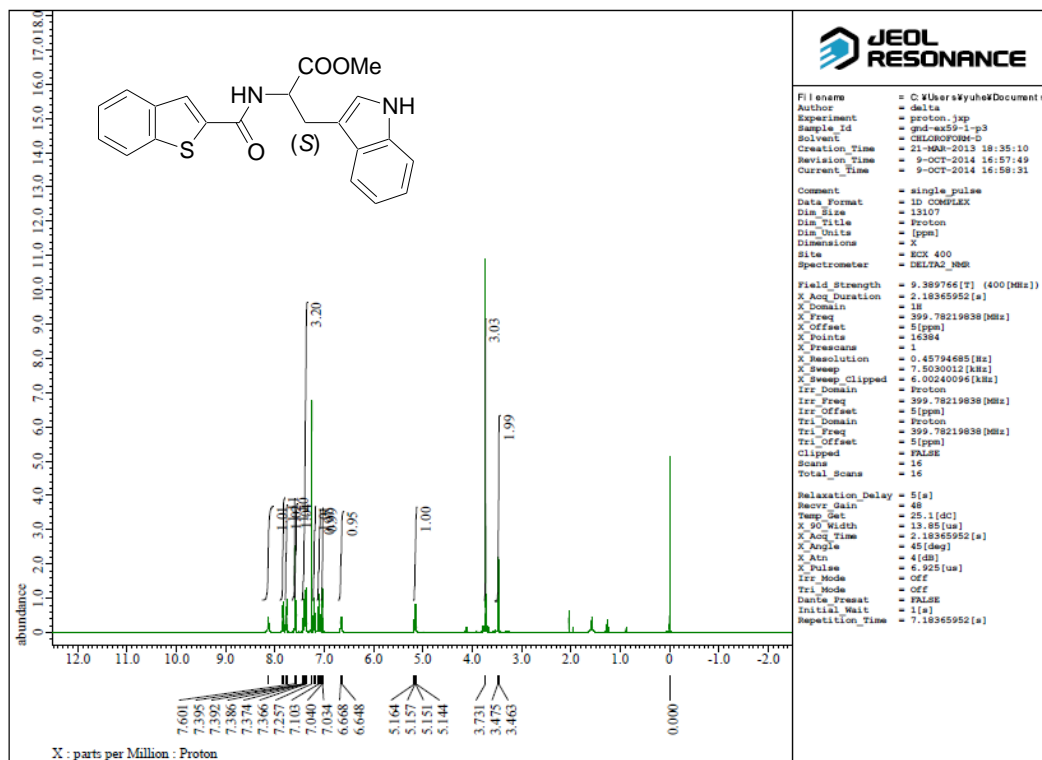
¹H NMR spectrum for compound 41



¹H NMR spectrum for compound 42



¹H NMR spectrum for compound 43



¹H NMR spectrum for compound 44

