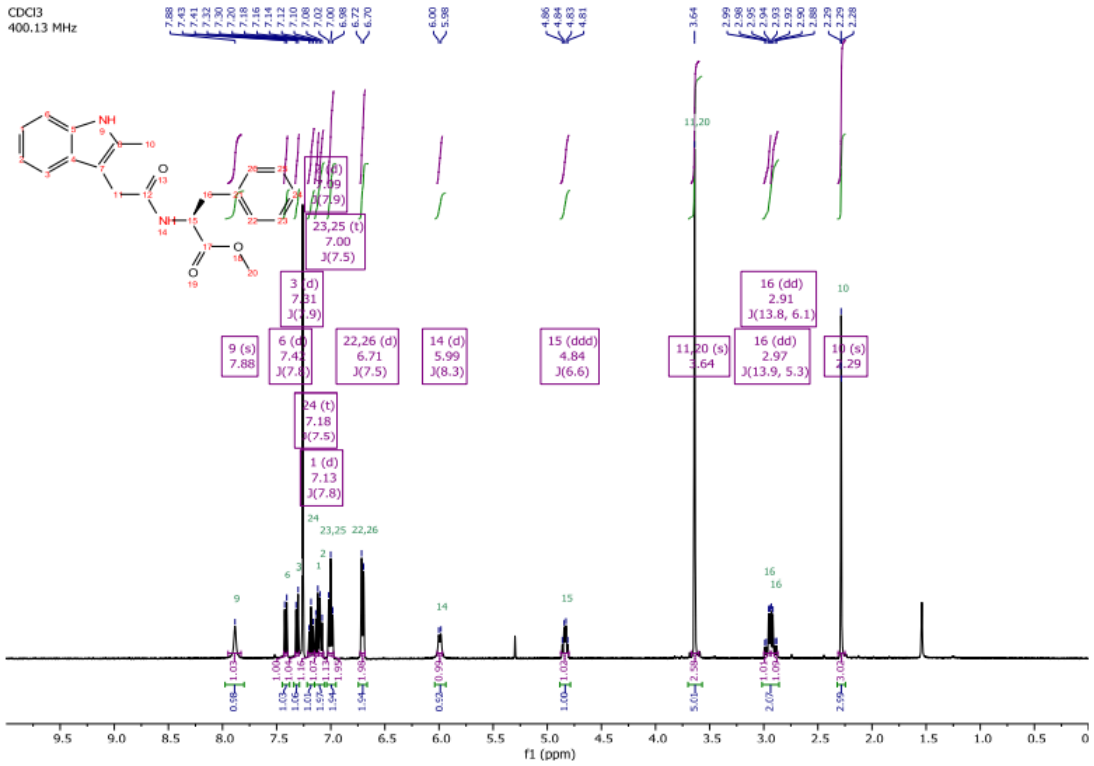
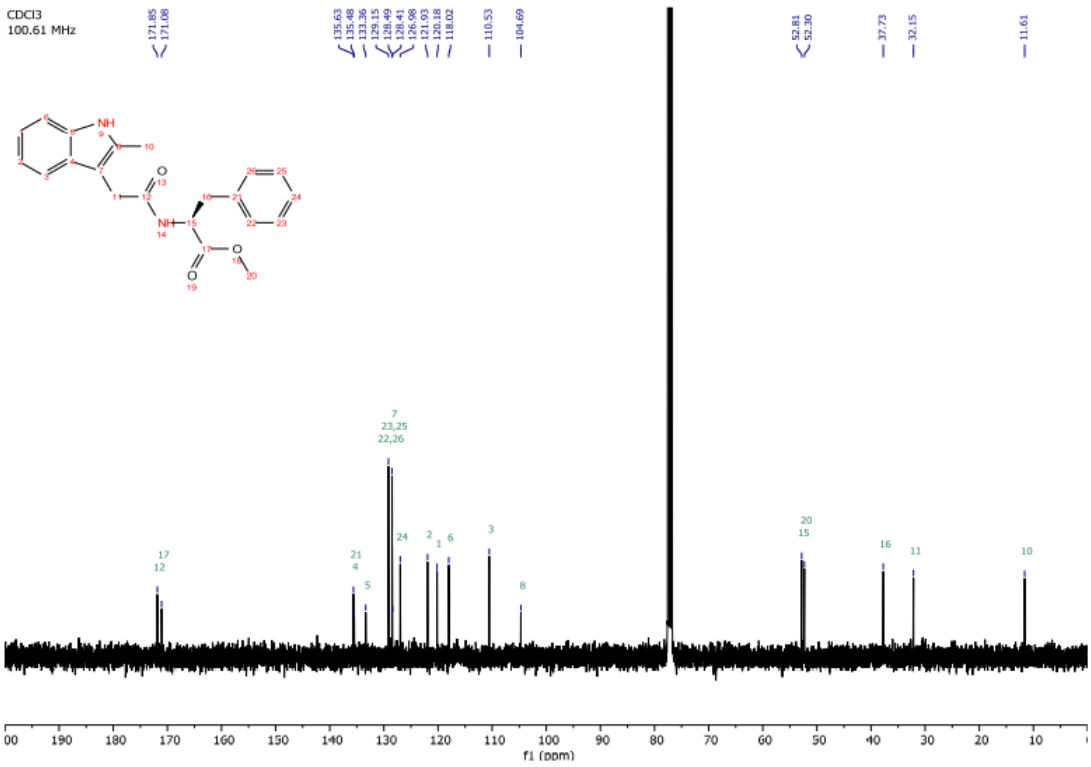
Supplementary Material

Synthesis, Enantiomeric Resolution and Biological Evaluation of HIV Capsid Inhibition Activity for Racemic, (*S*)- and (*R*)-PF74.

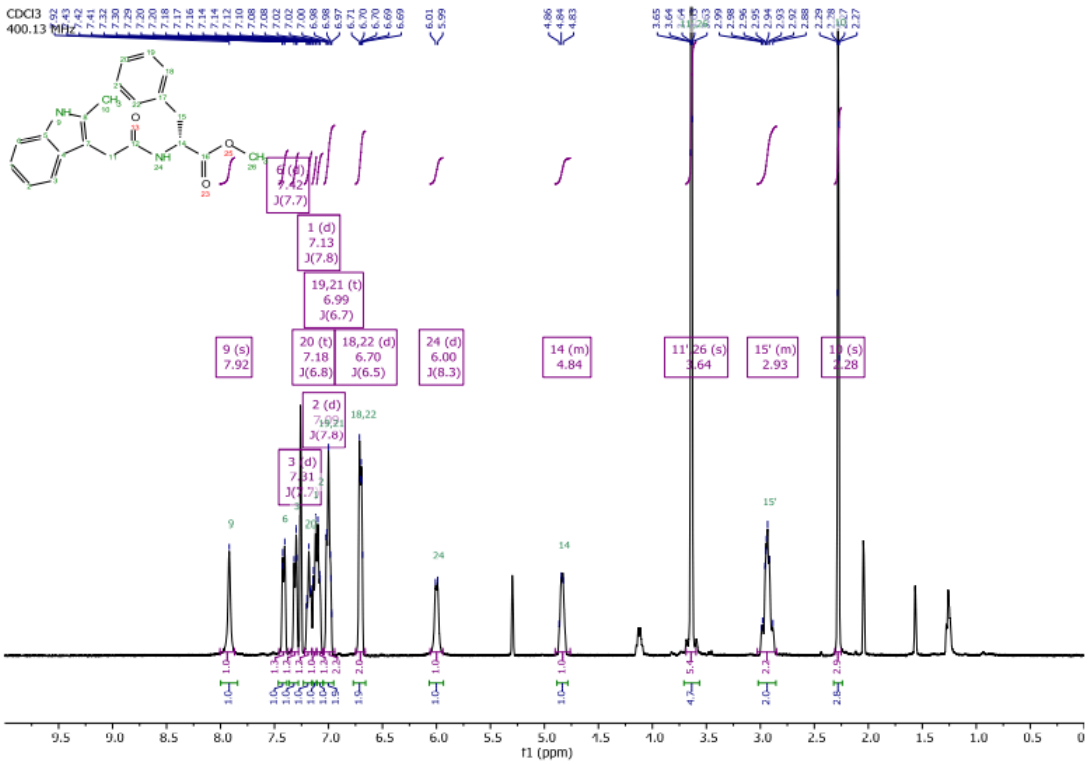
^{1}H NMR Spectra of methyl ester **3a**



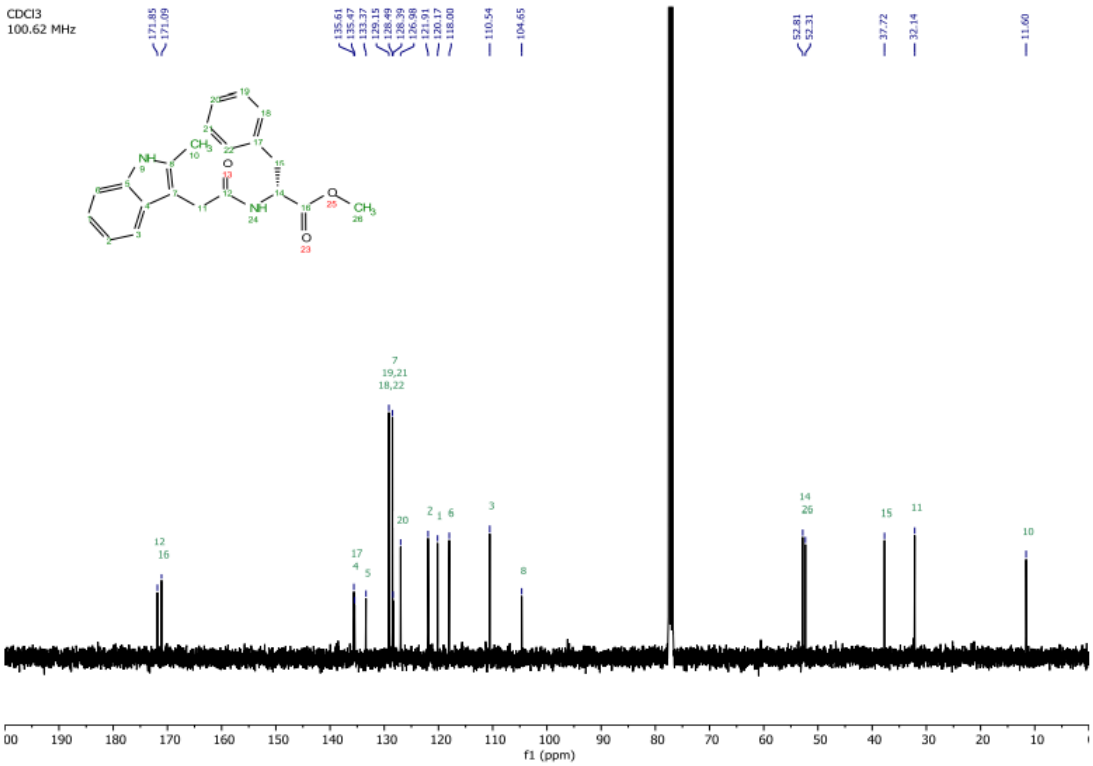
^{13}C NMR Spectra of methyl ester **3a**



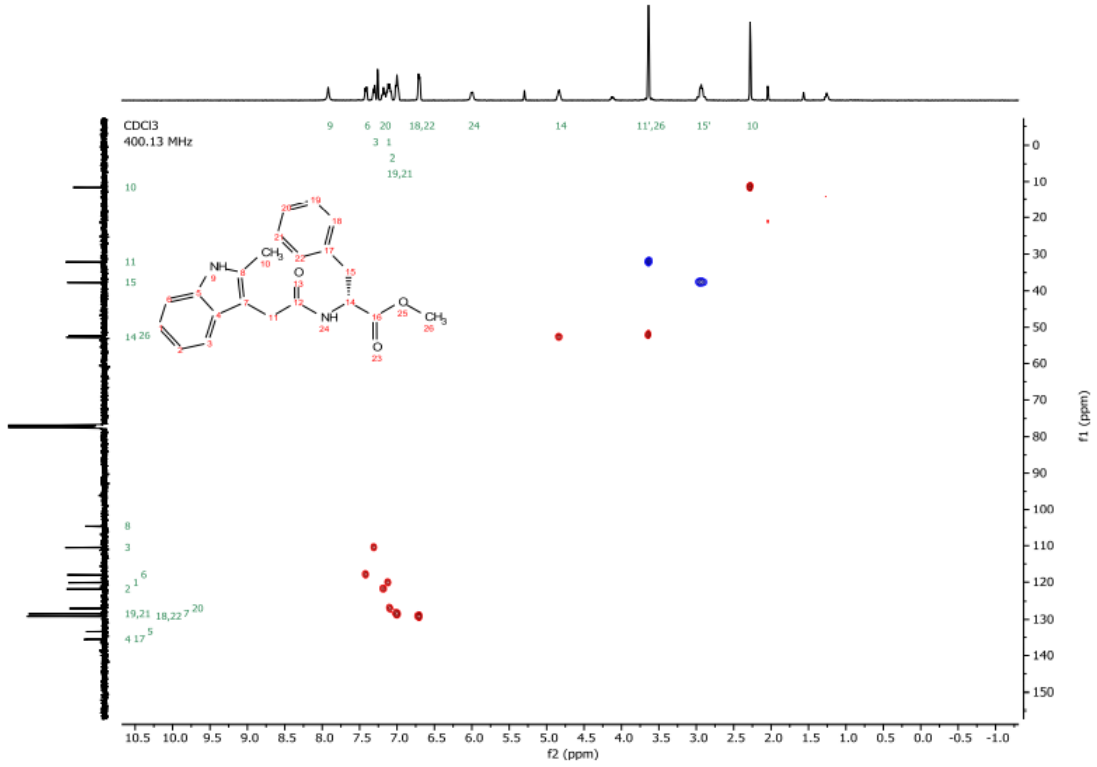
^{1}H NMR Spectra of methyl ester **3b**



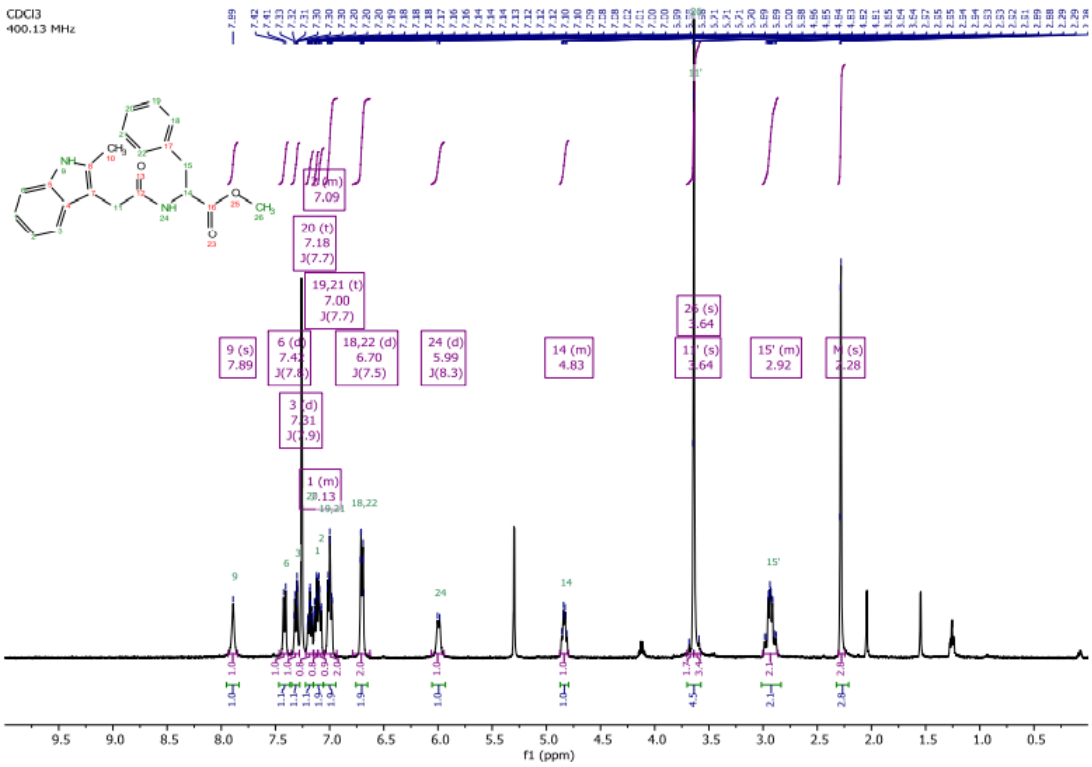
^{13}C NMR Spectra of methyl ester **3b**



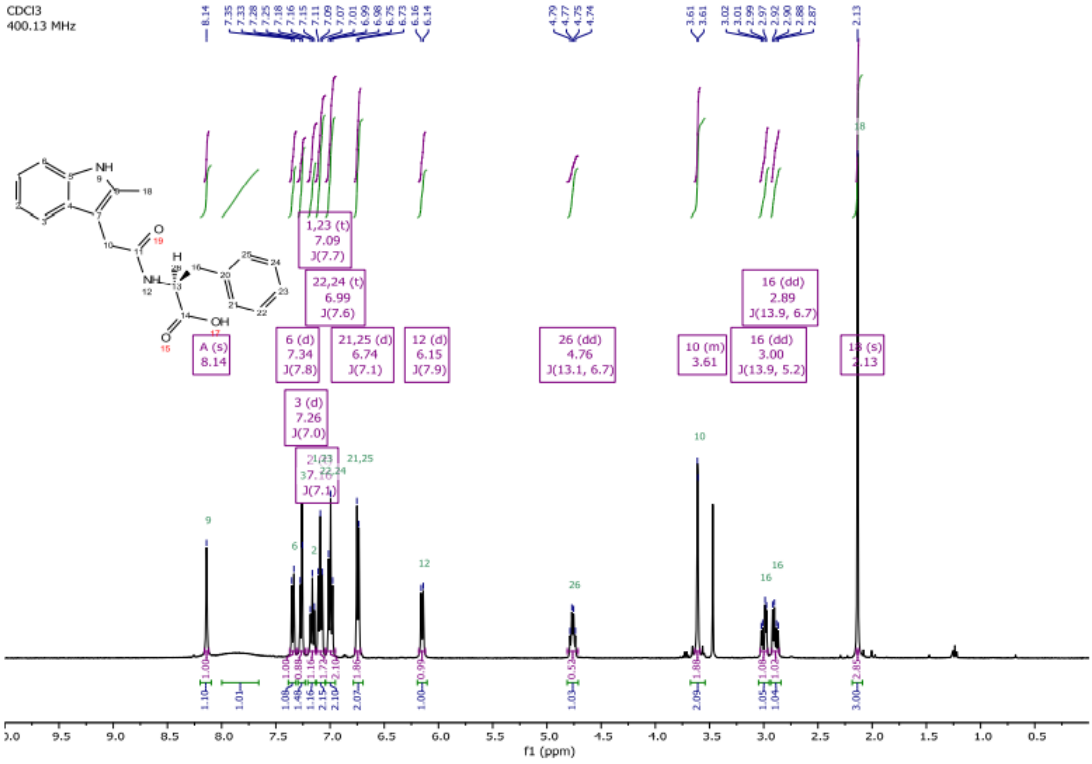
HSQC NMR Spectra of methyl ester **3b**



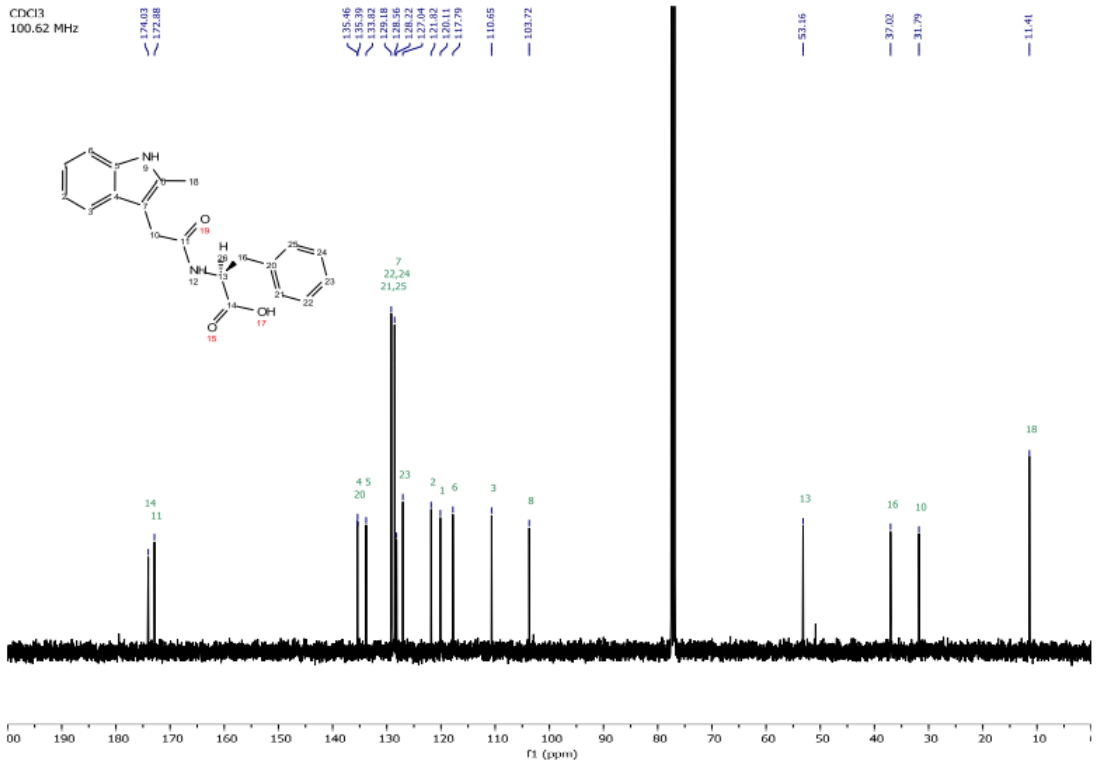
^{1}H NMR Spectra of methyl ester **3c**



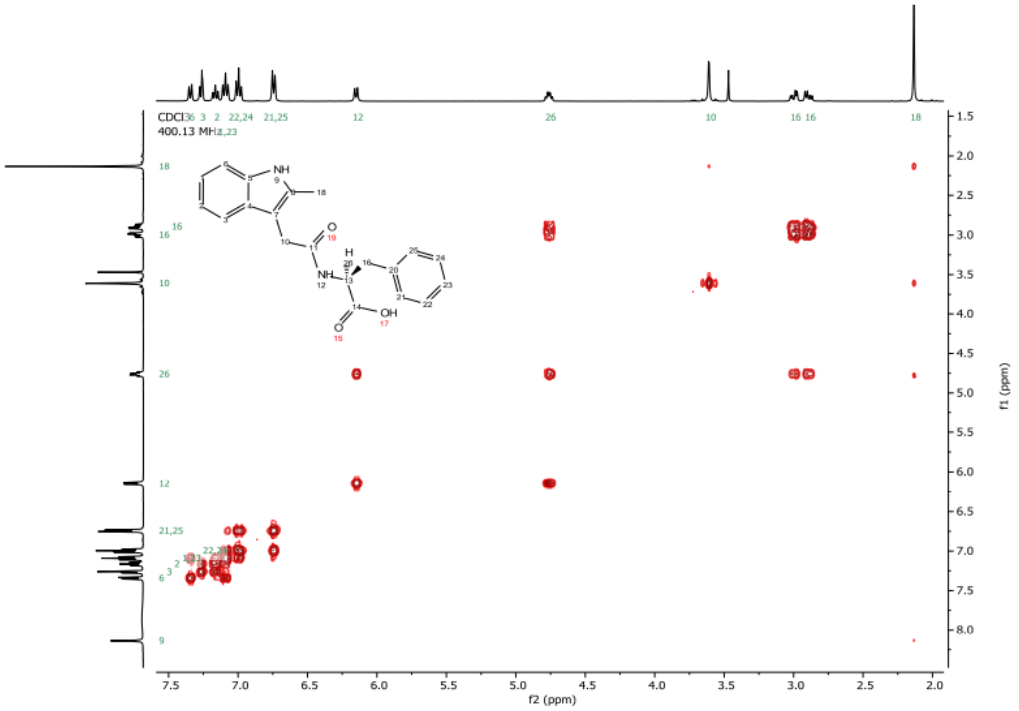
^{1}H NMR Spectra of acid **4a**



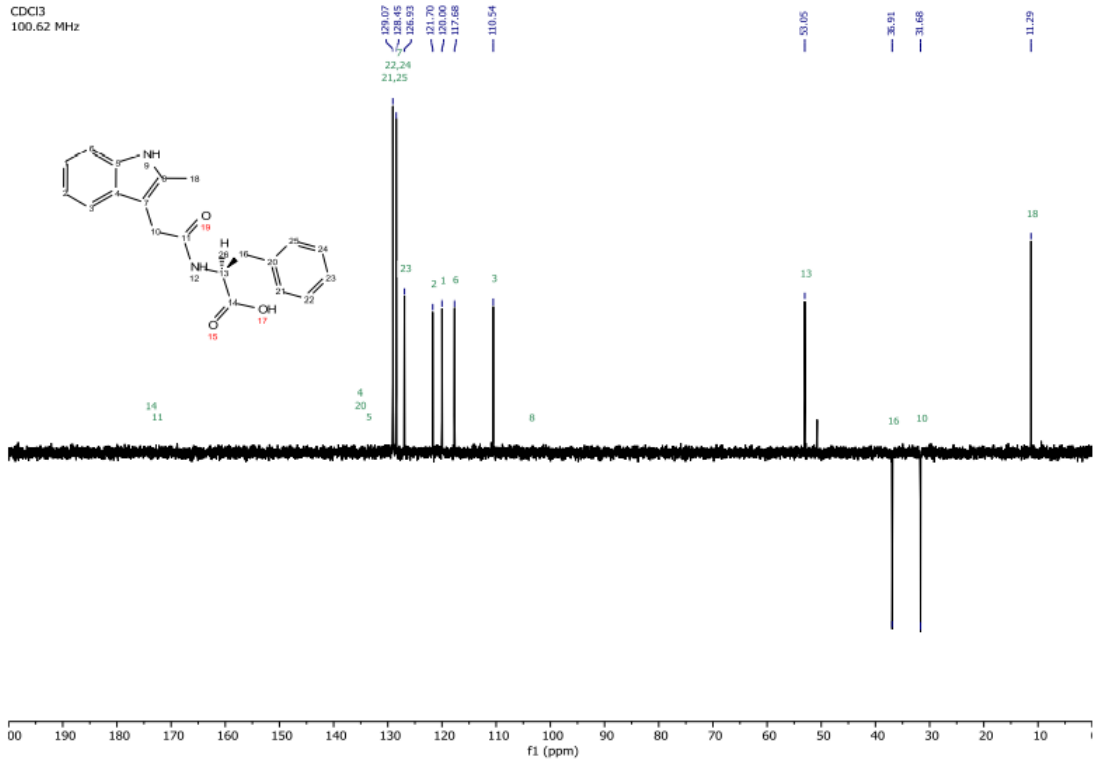
^{13}C NMR Spectra of acid **4a**



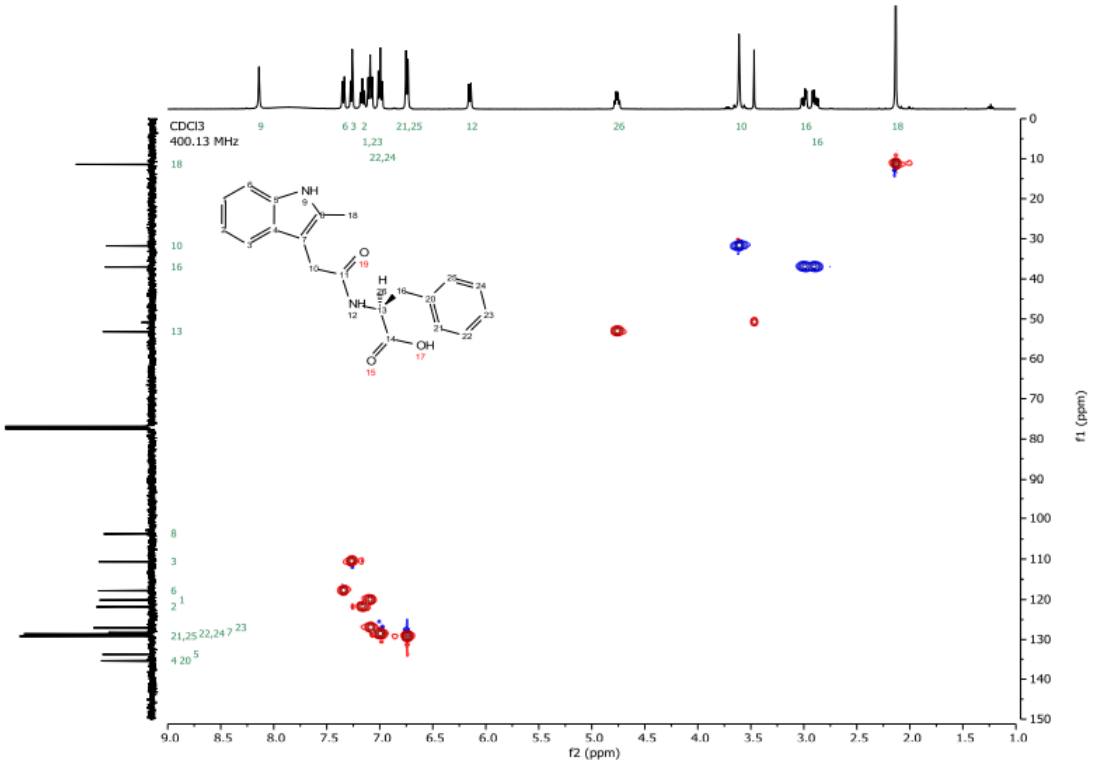
COSY NMR Spectra of acid **4a**



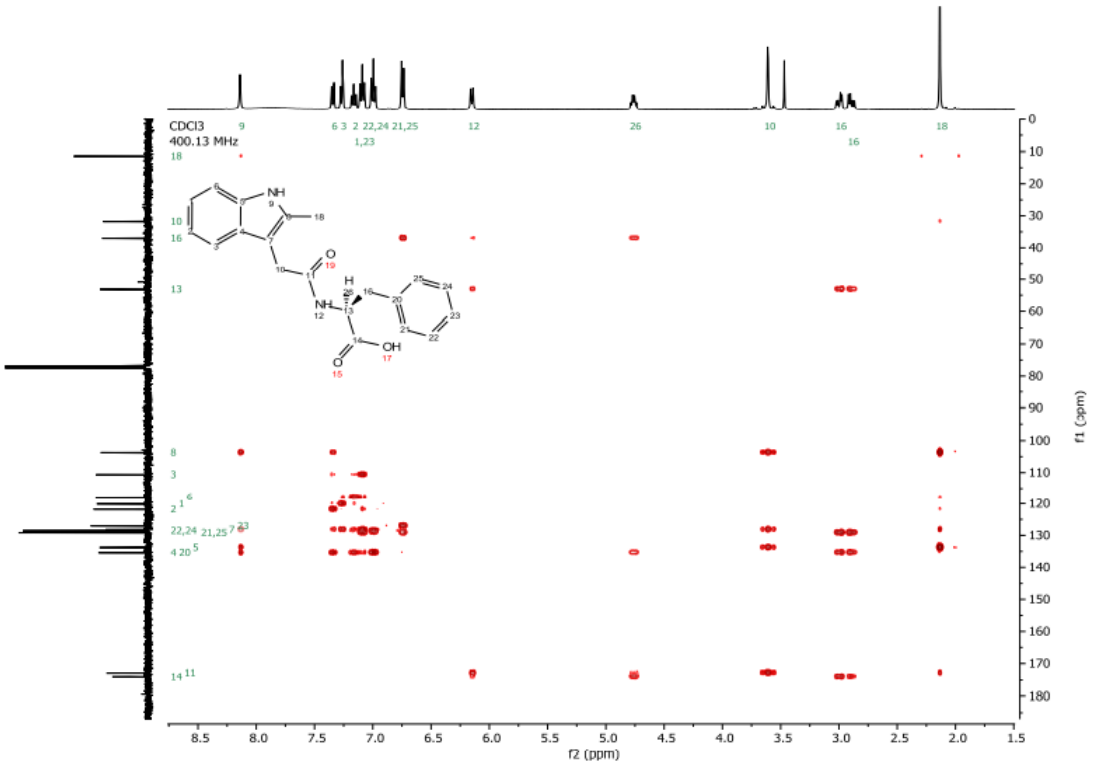
DEPT-135 NMR Spectra of acid **4a**



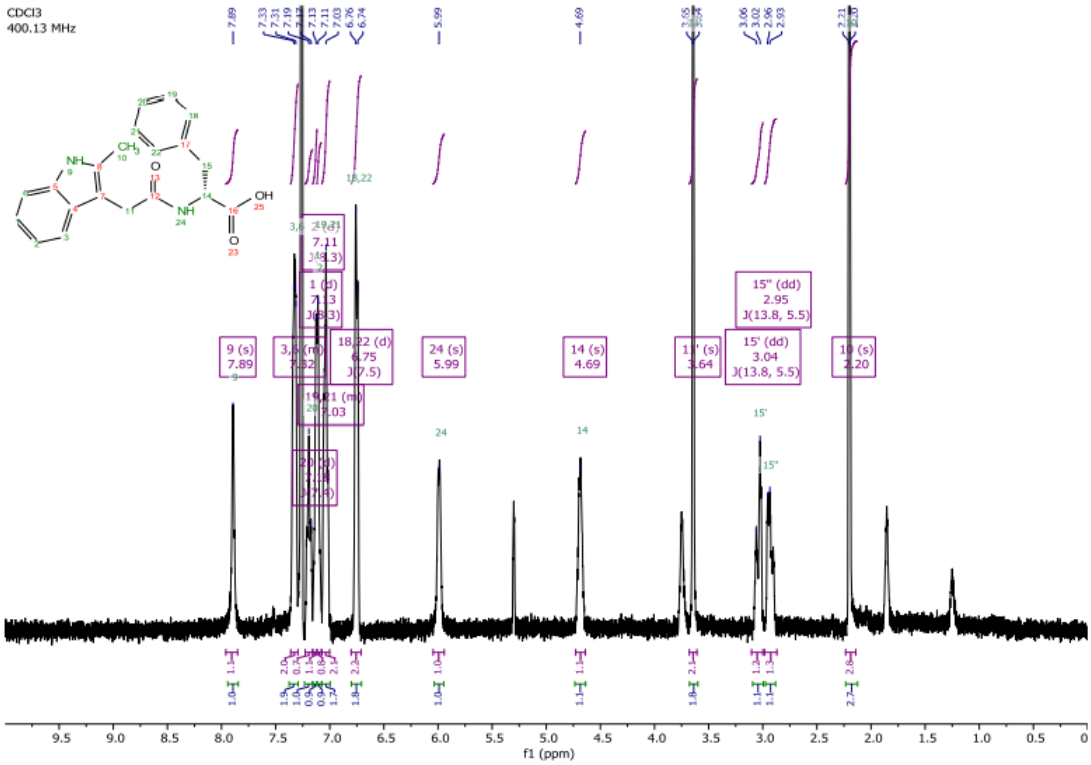
HSQC NMR Spectra of acid **4a**



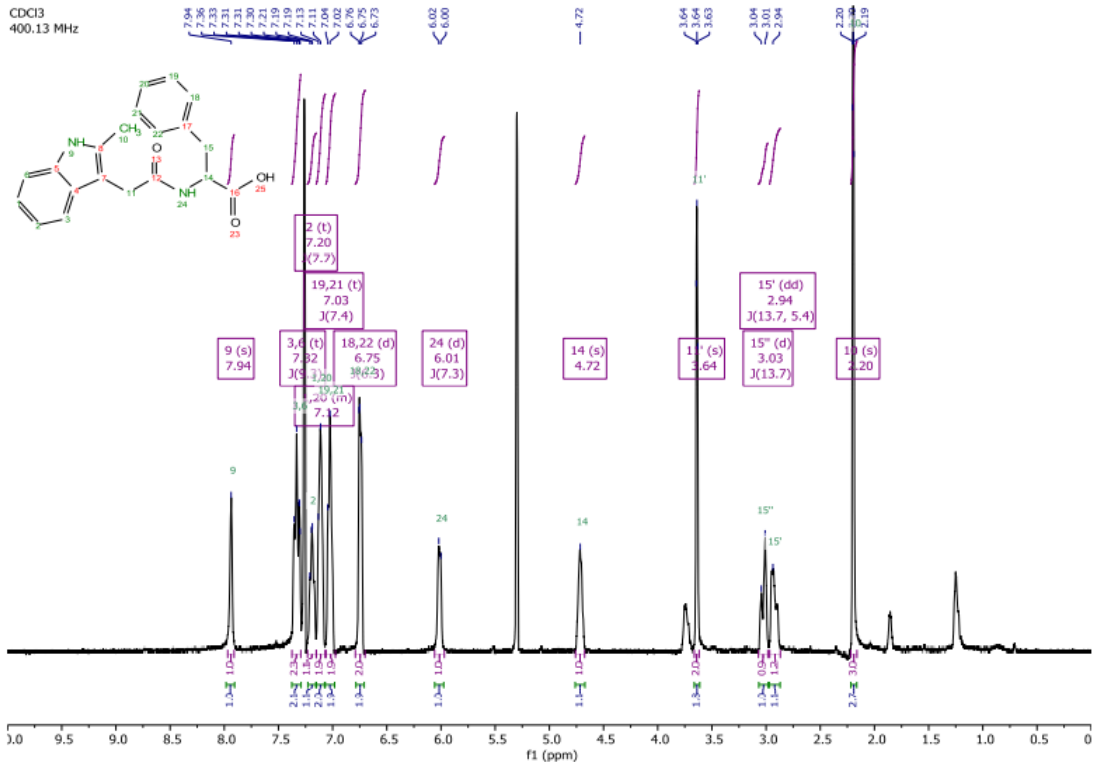
HMBC NMR Spectra of acid **4a**



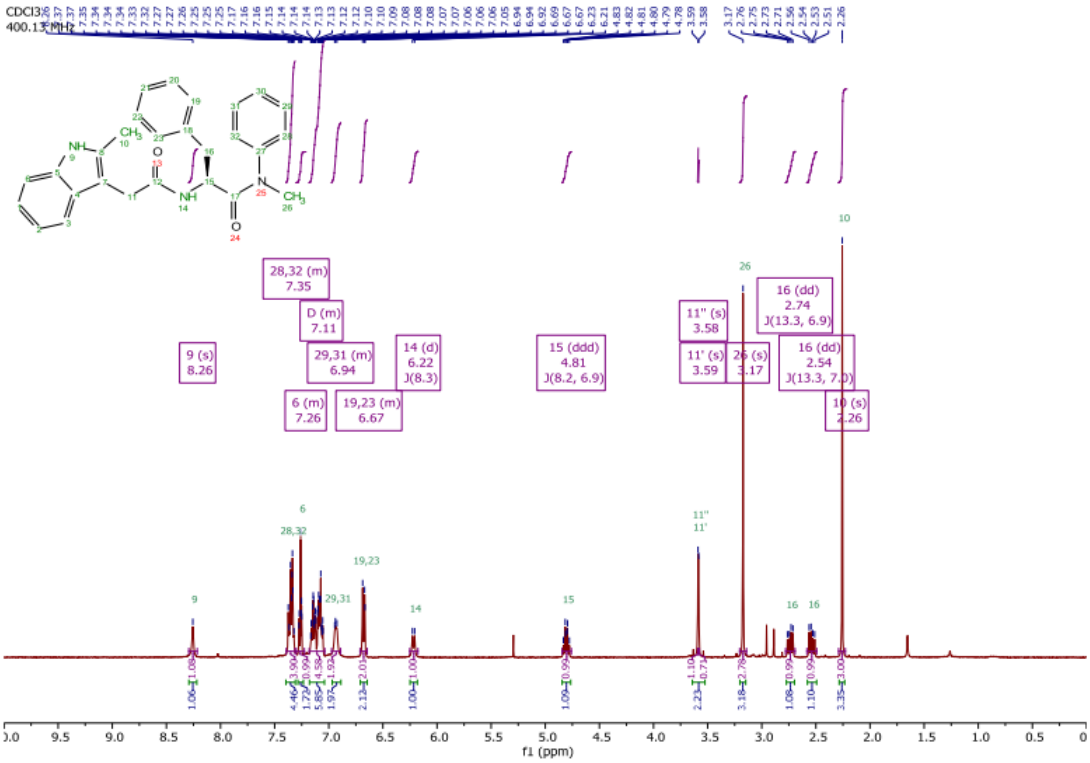
[1]H NMR Spectra of acid **4b**



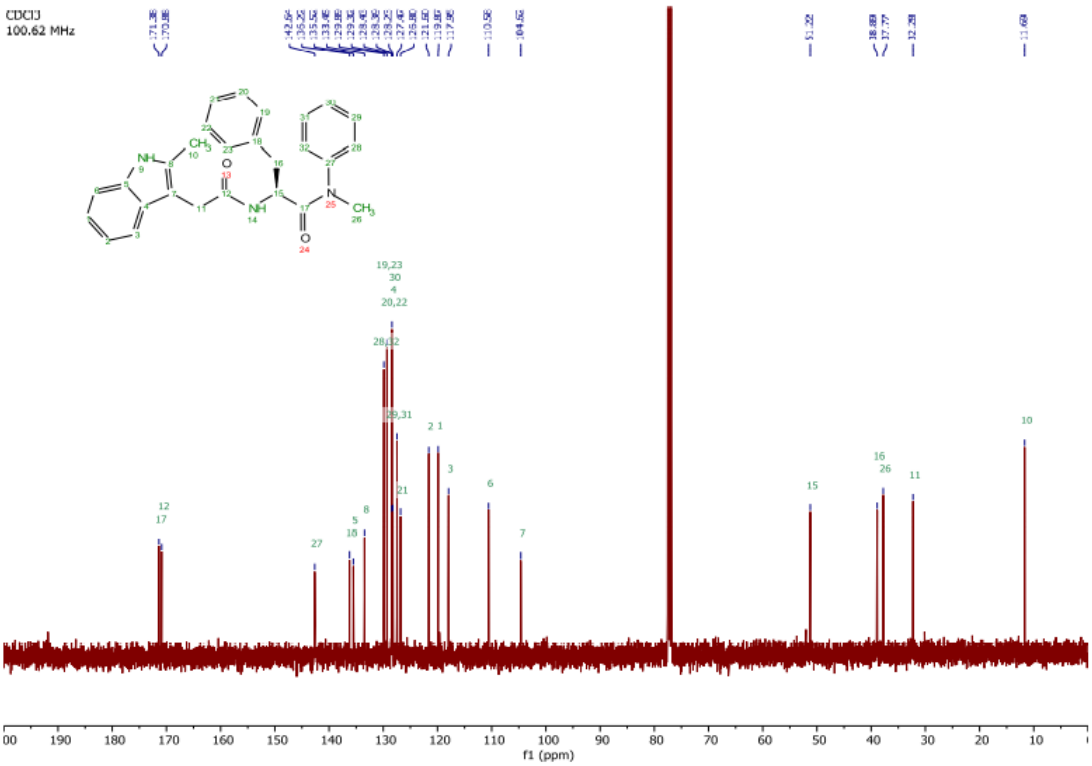
^{1}H NMR Spectra of acid **4c**



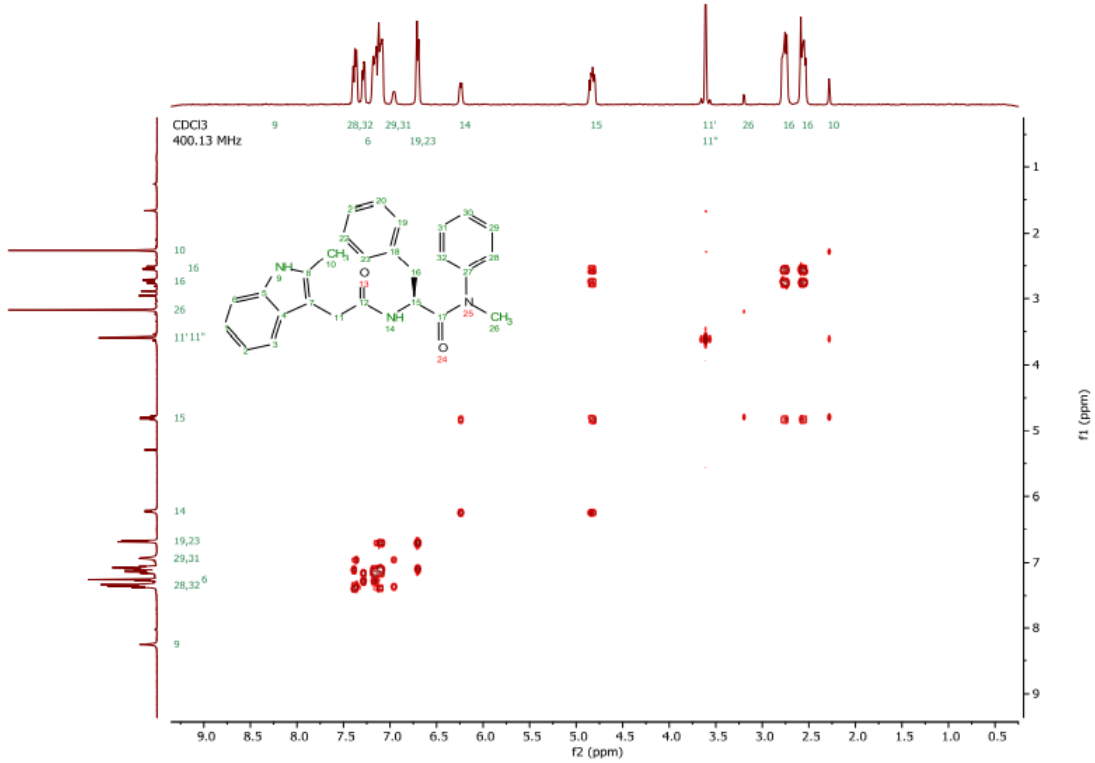
^{1}H NMR Spectra of natural PF74 **5a**



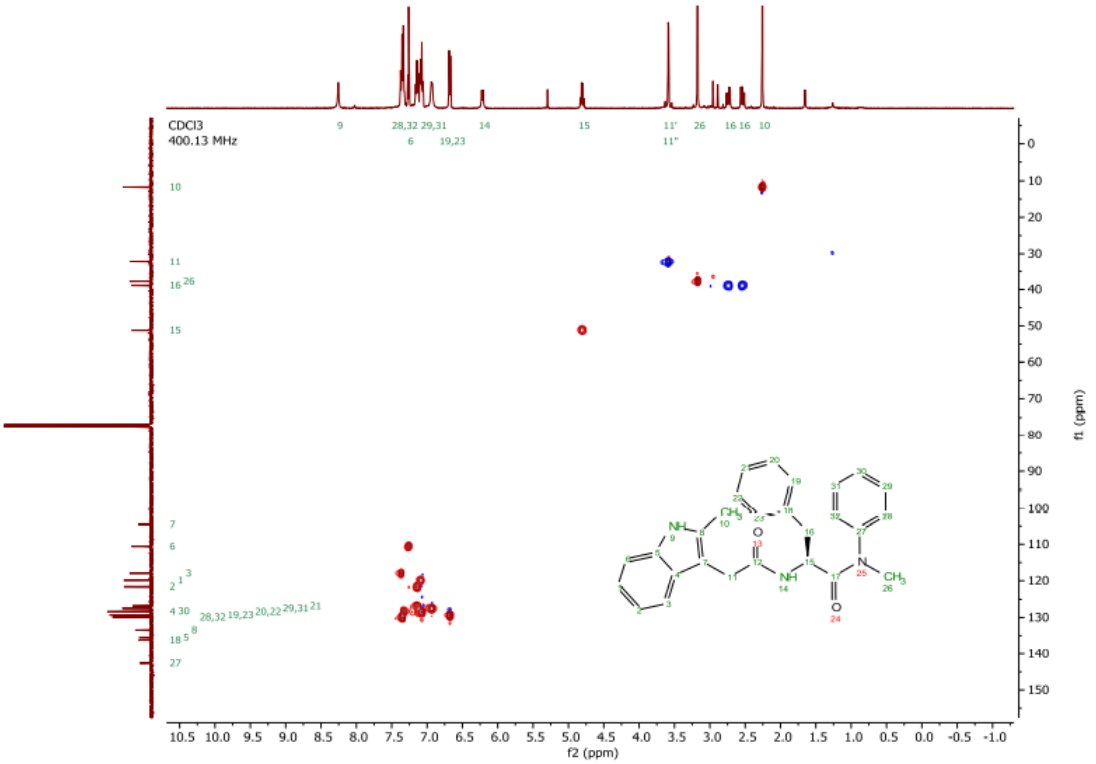
^{13}C NMR Spectra of natural PF74 **5a**



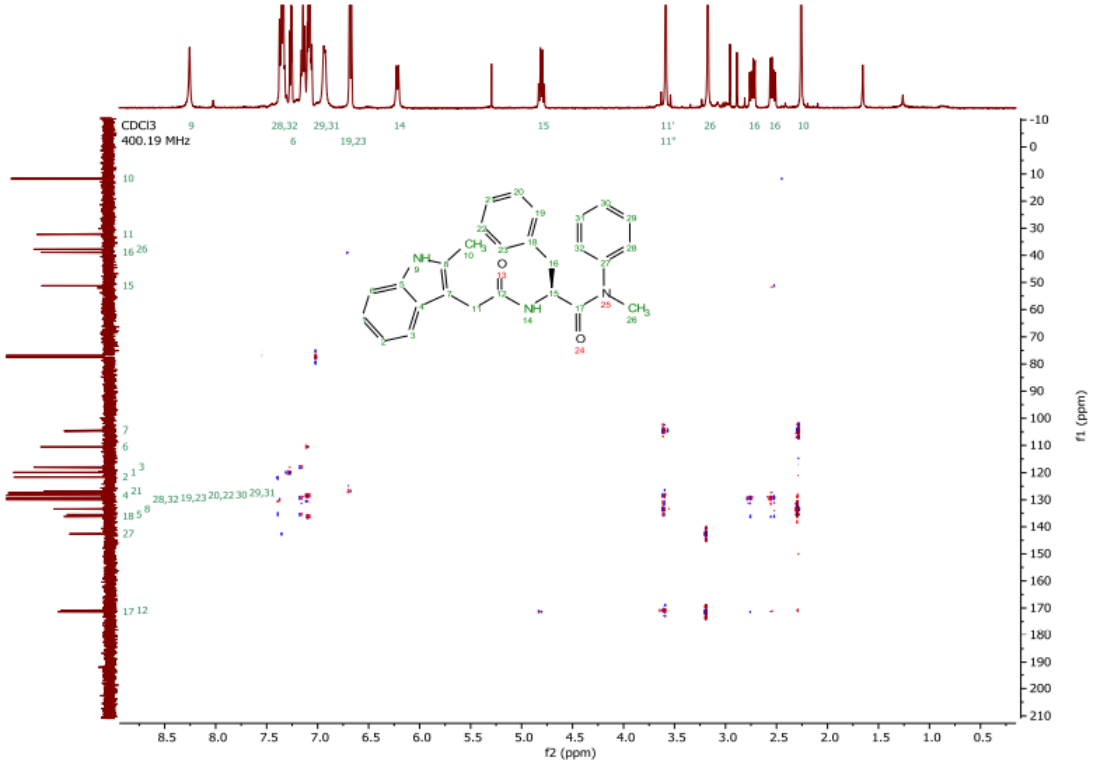
COSY Spectra of natural PF74 **5a**



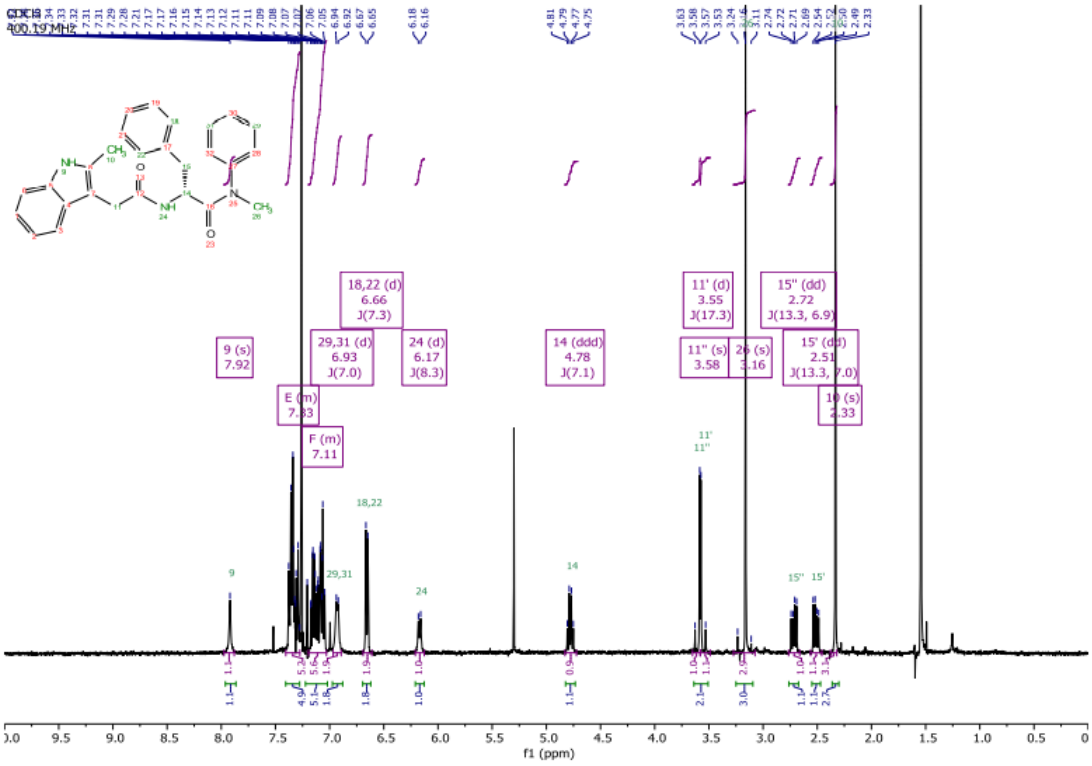
HSQC Spectra of natural PF74 **5a**



HMBC Spectra of natural PF74 **5a**



[1]H NMR Spectra of unnatural PF74 **5b**



[1]H NMR Spectra of racemic PF74 **5c**