

Fig. S 1; ^1H NMR spectrum of compound 1

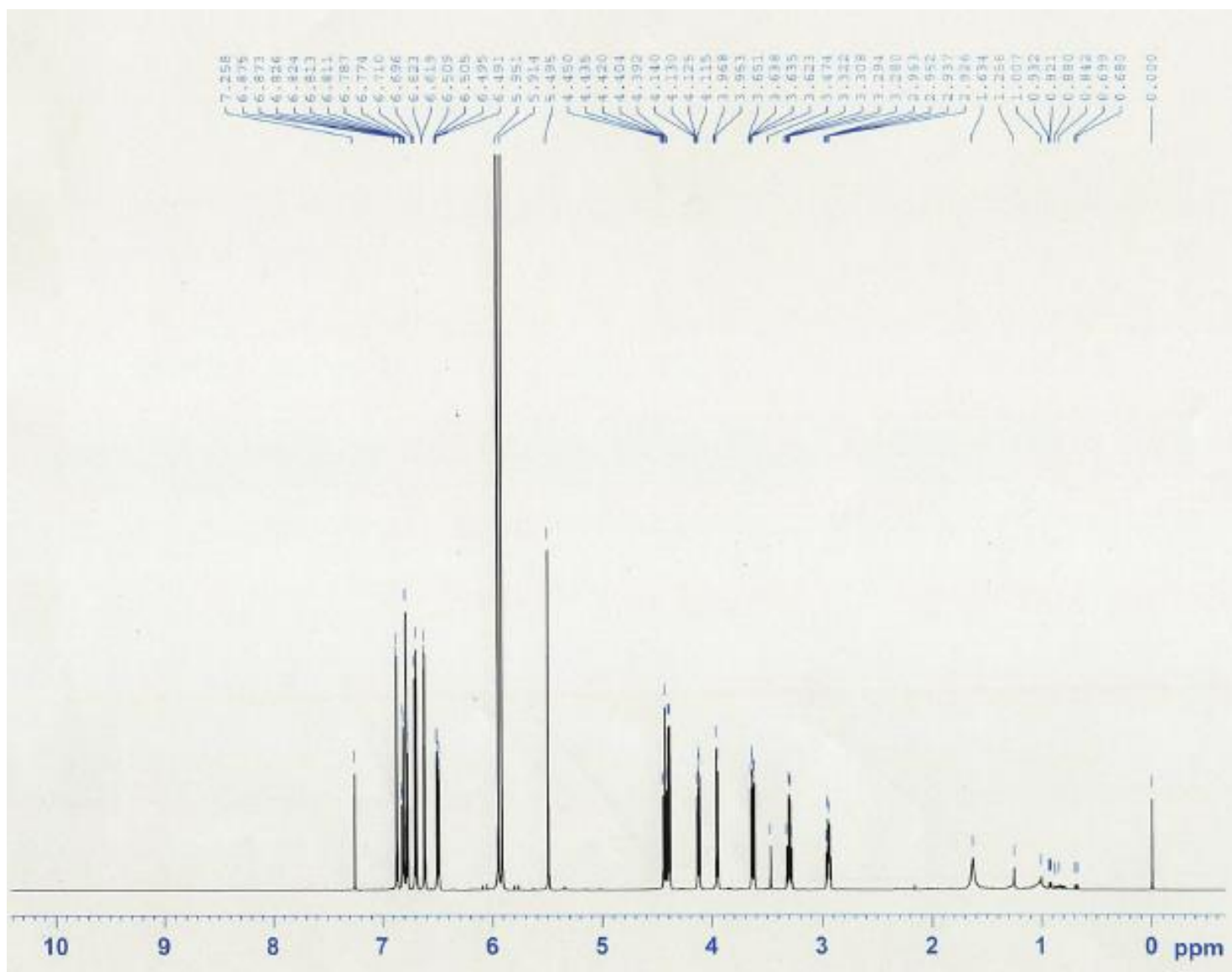


Fig. S 2; ^{13}C NMR spectrum of compound **1**

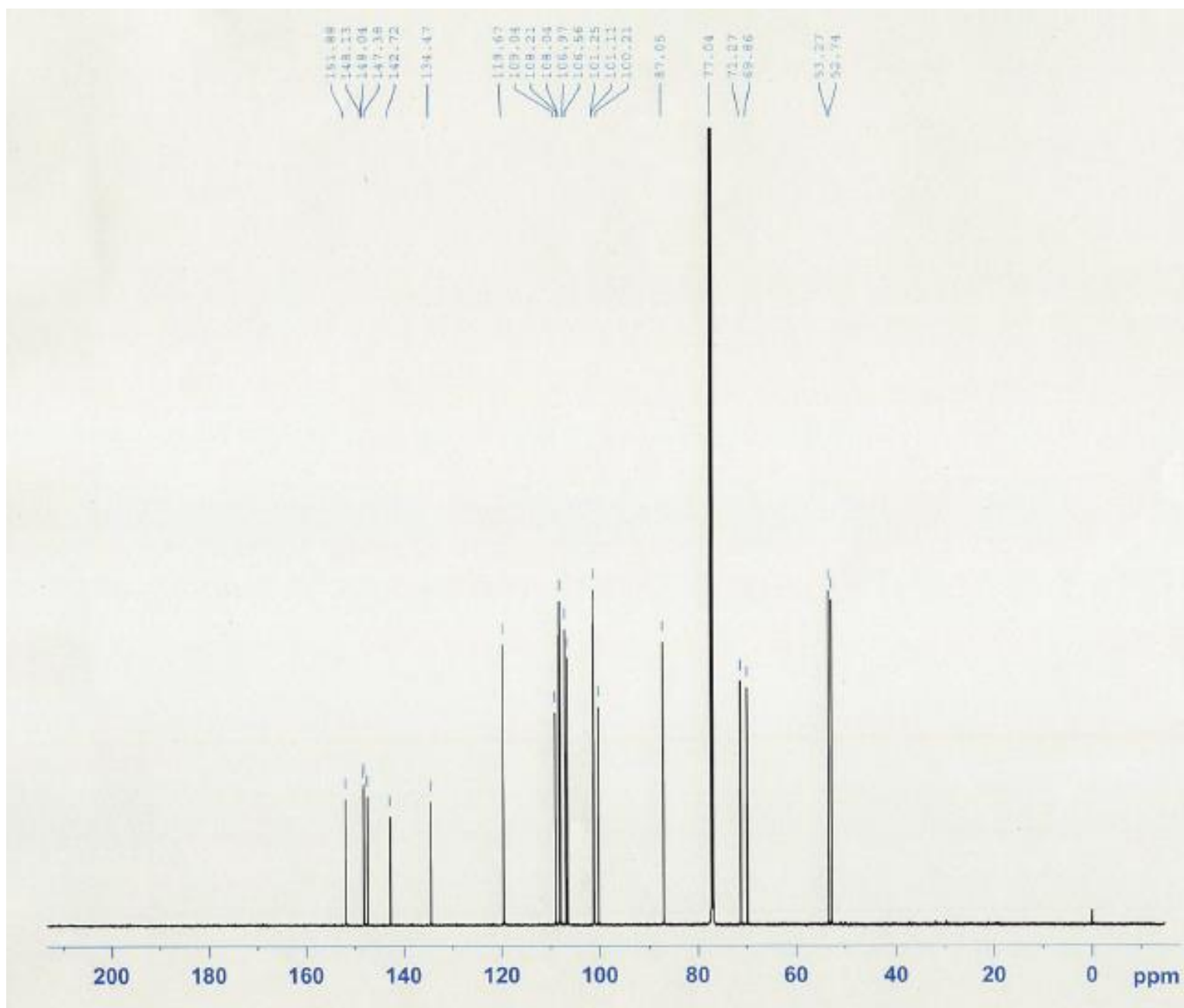


Fig. S 3; HSQC spectrum of compound 1

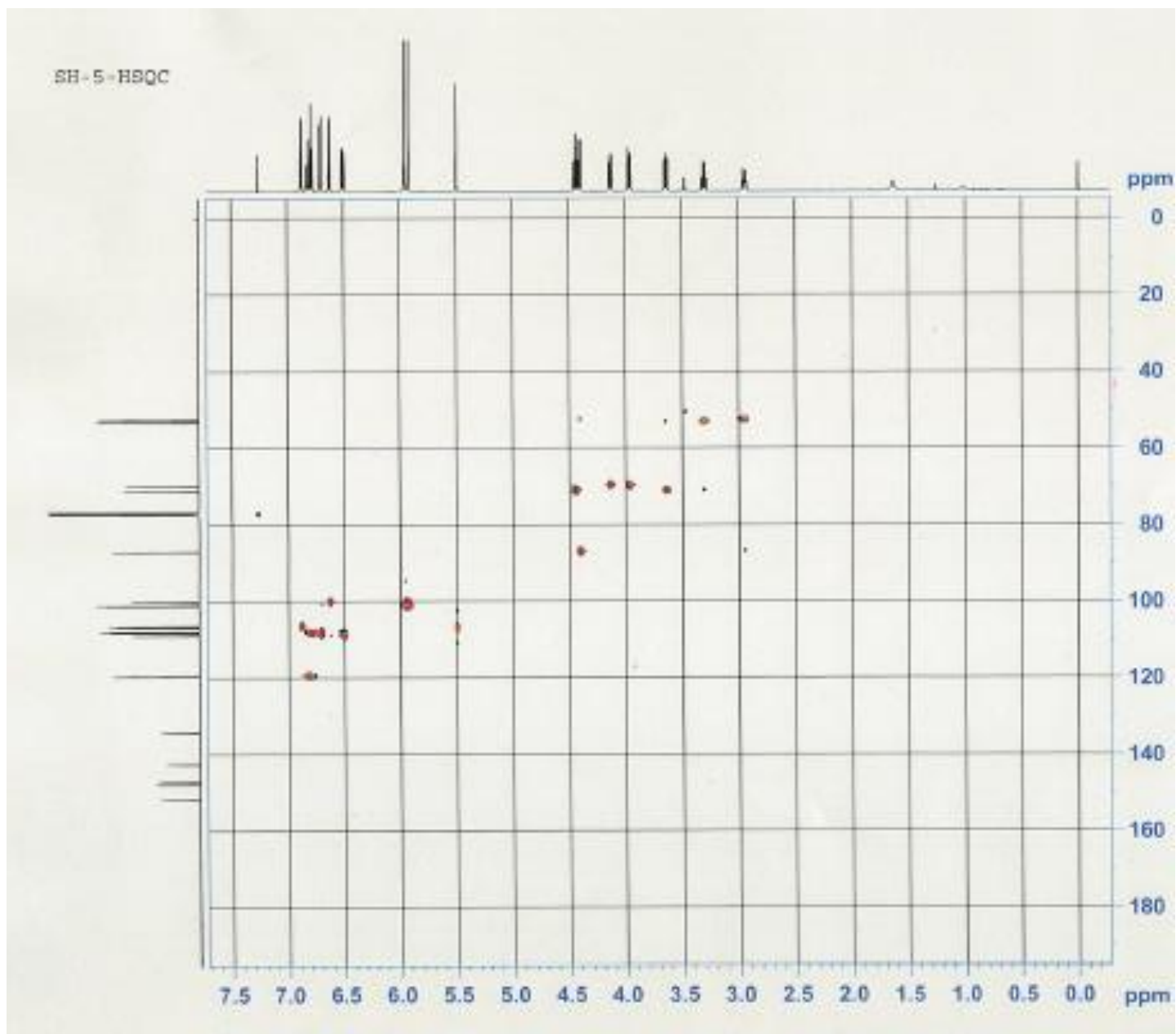


Fig. S 4; HMBC spectrum of compound 1

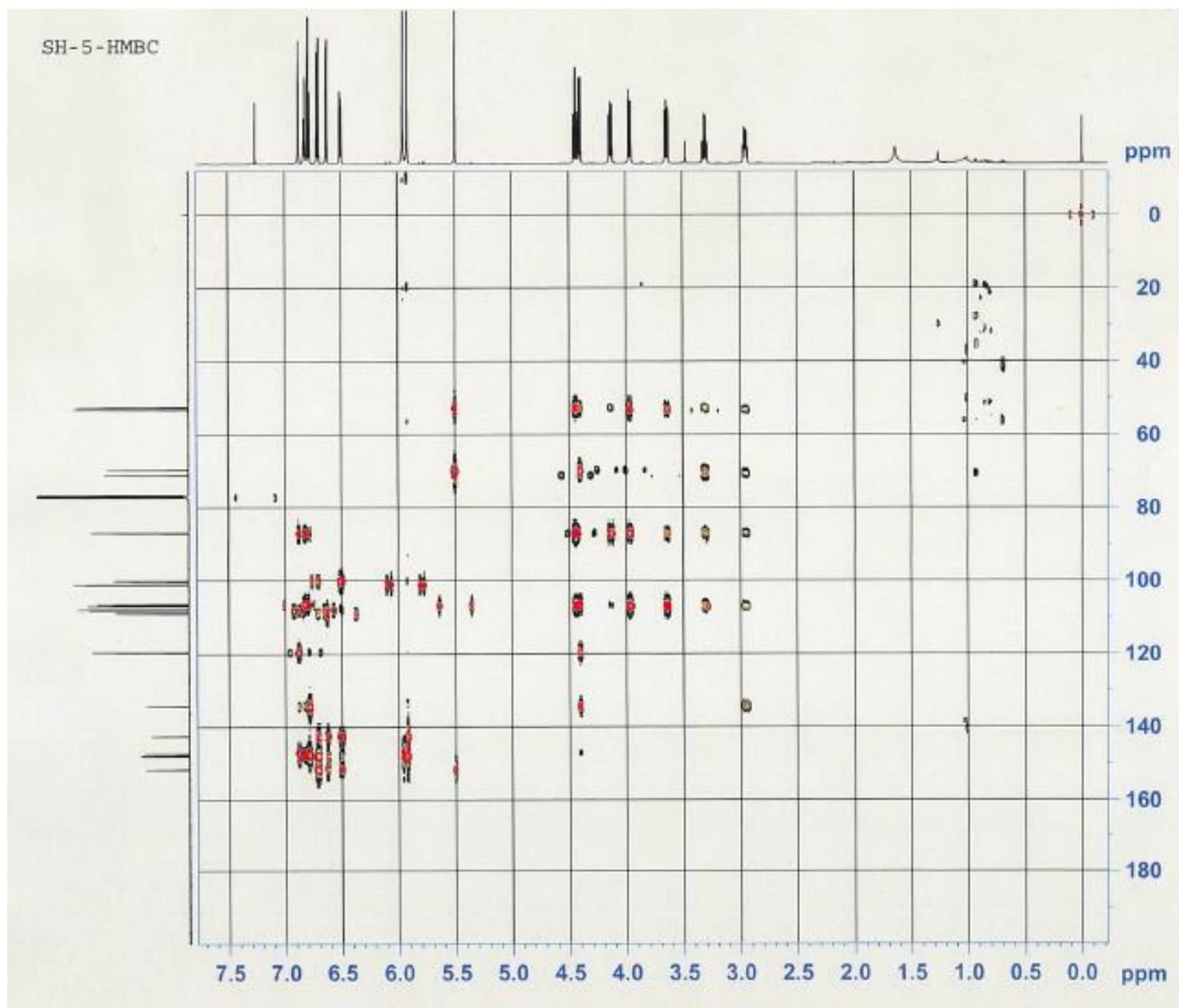


Fig. S 5; ^1H NMR spectrum of compound 2

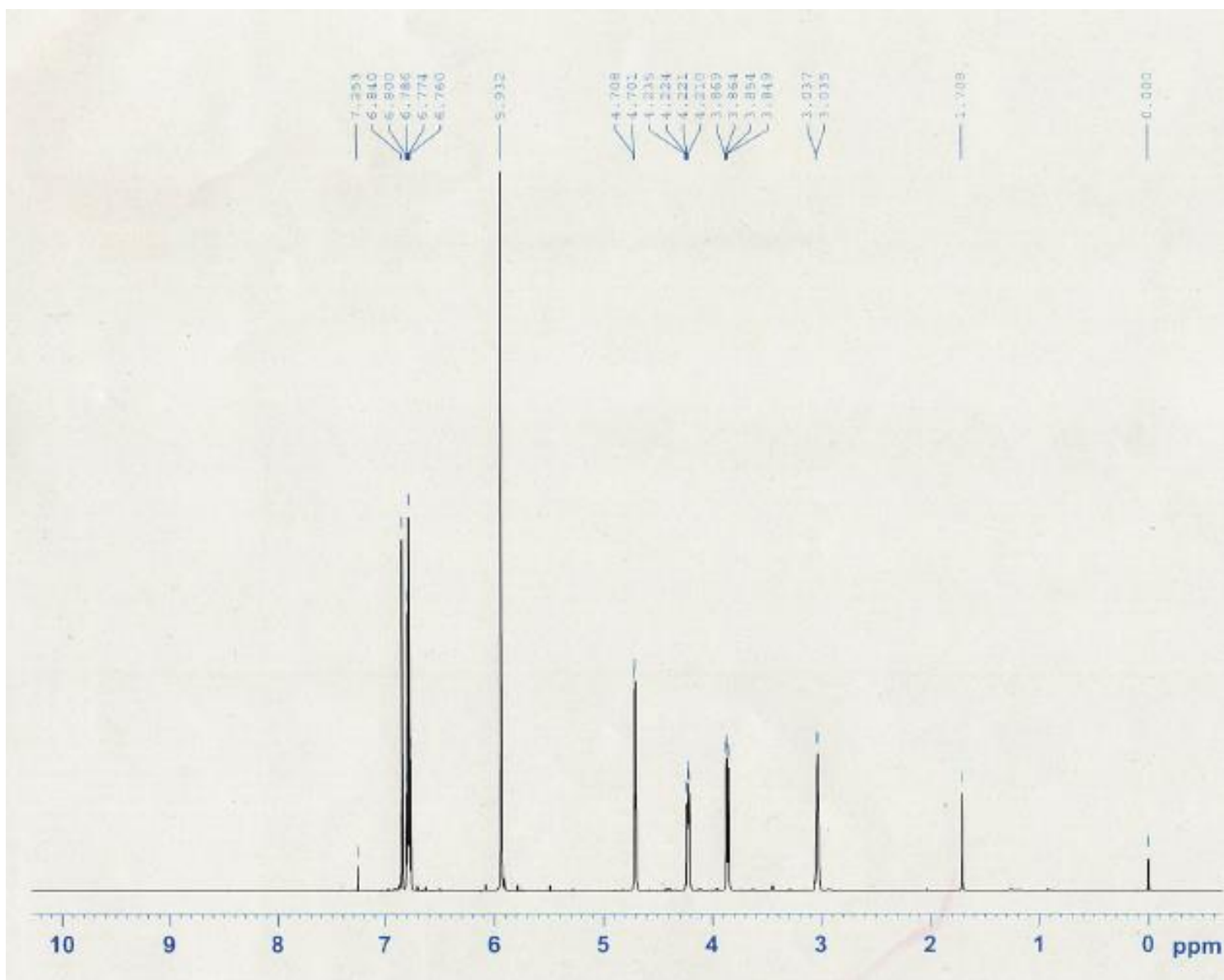


Fig. S 6; ^{13}C NMR spectrum of compound 2

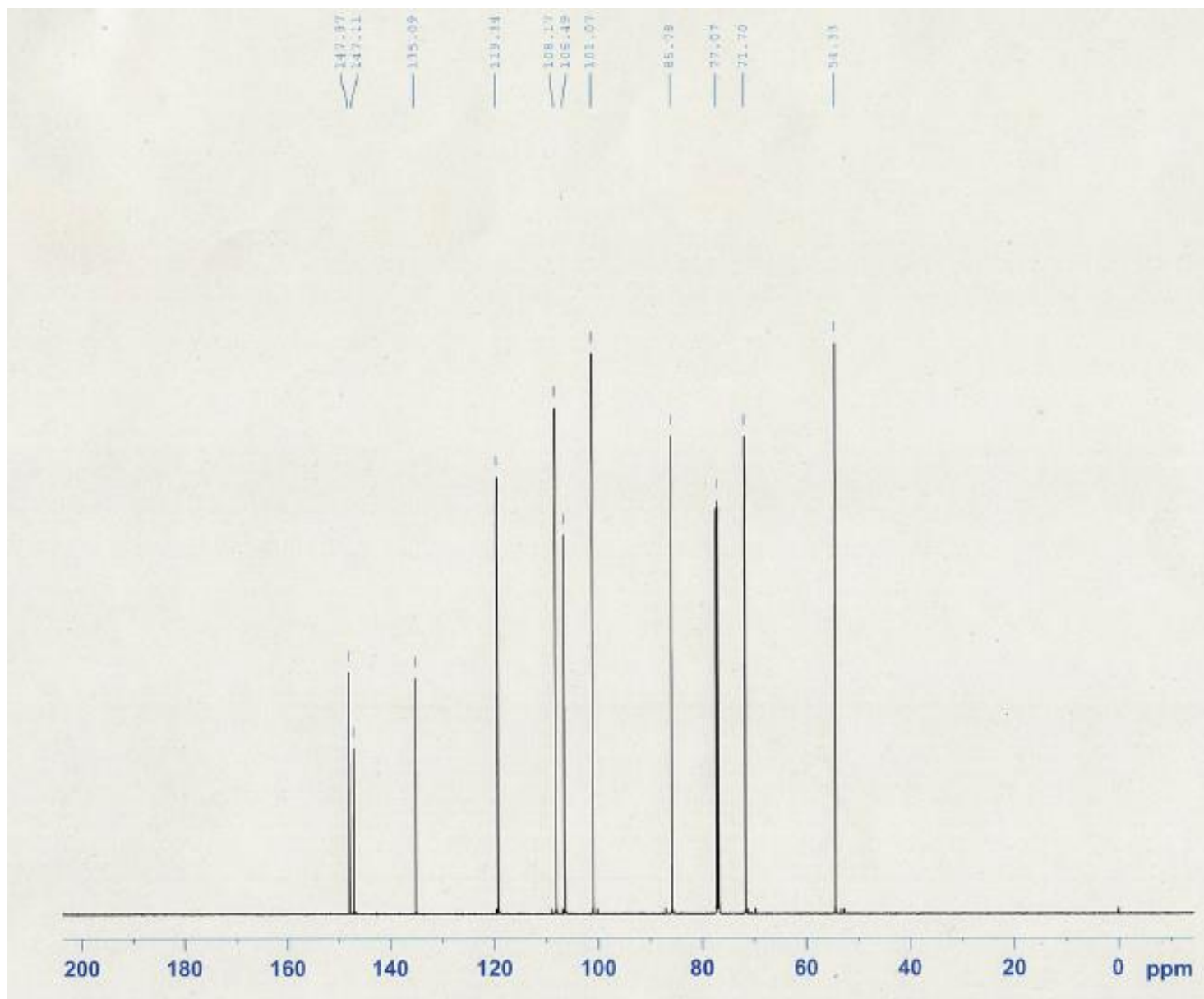


Fig. S 7; HSQC spectrum of compound 2

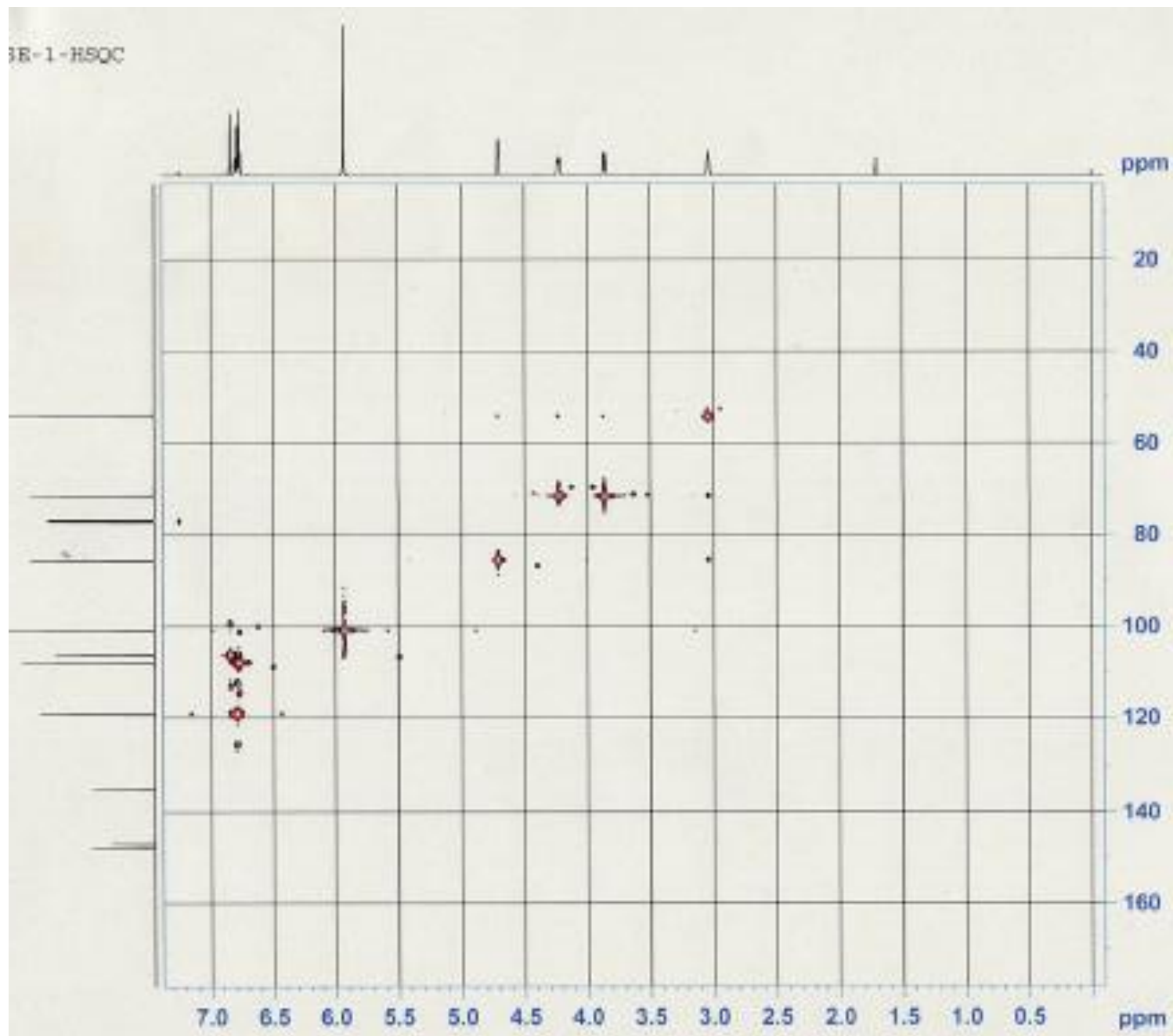


Fig. S 8; HMBC spectrum of compound 2

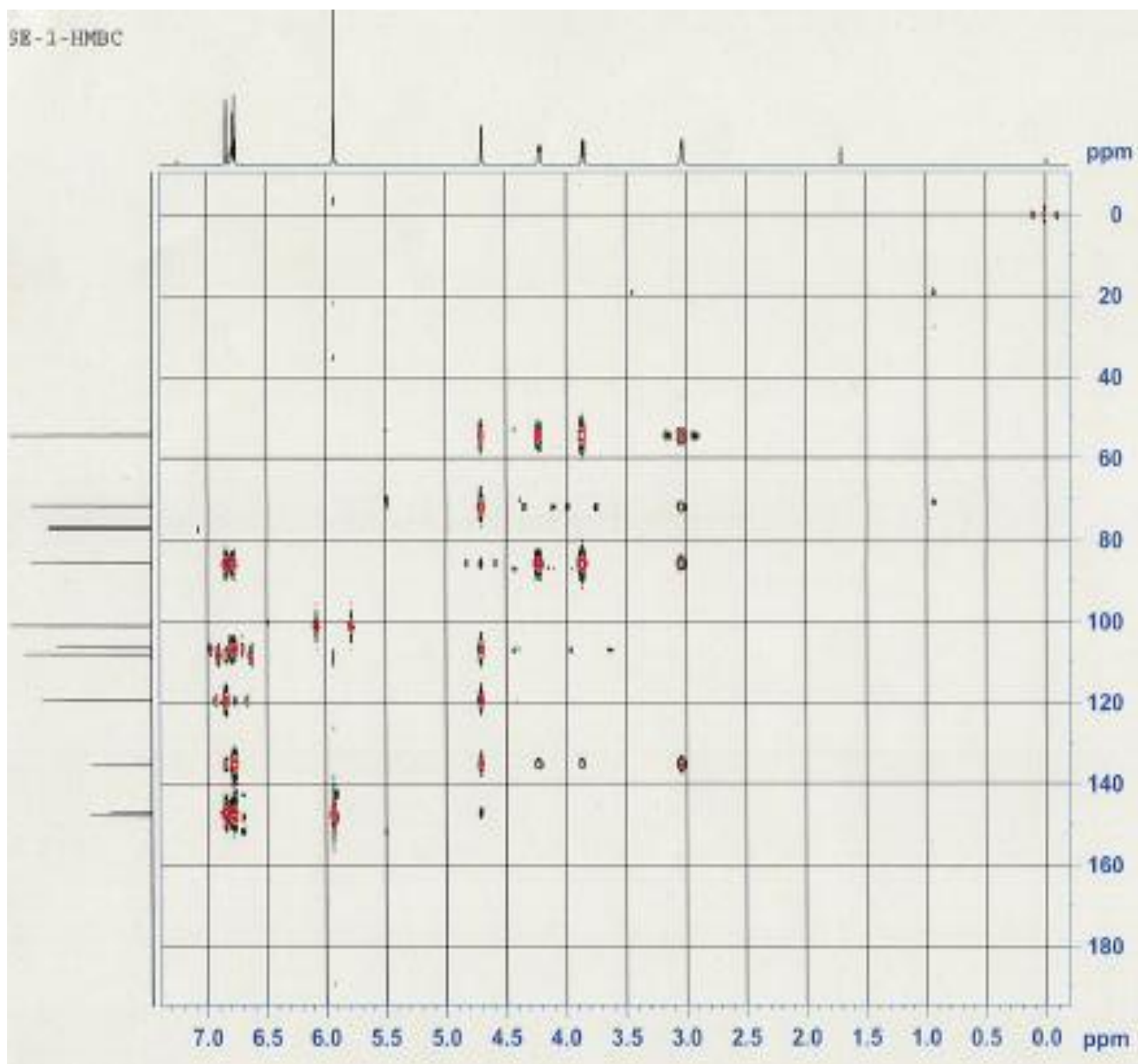


Fig. S 9; ^1H NMR spectrum of compound 3

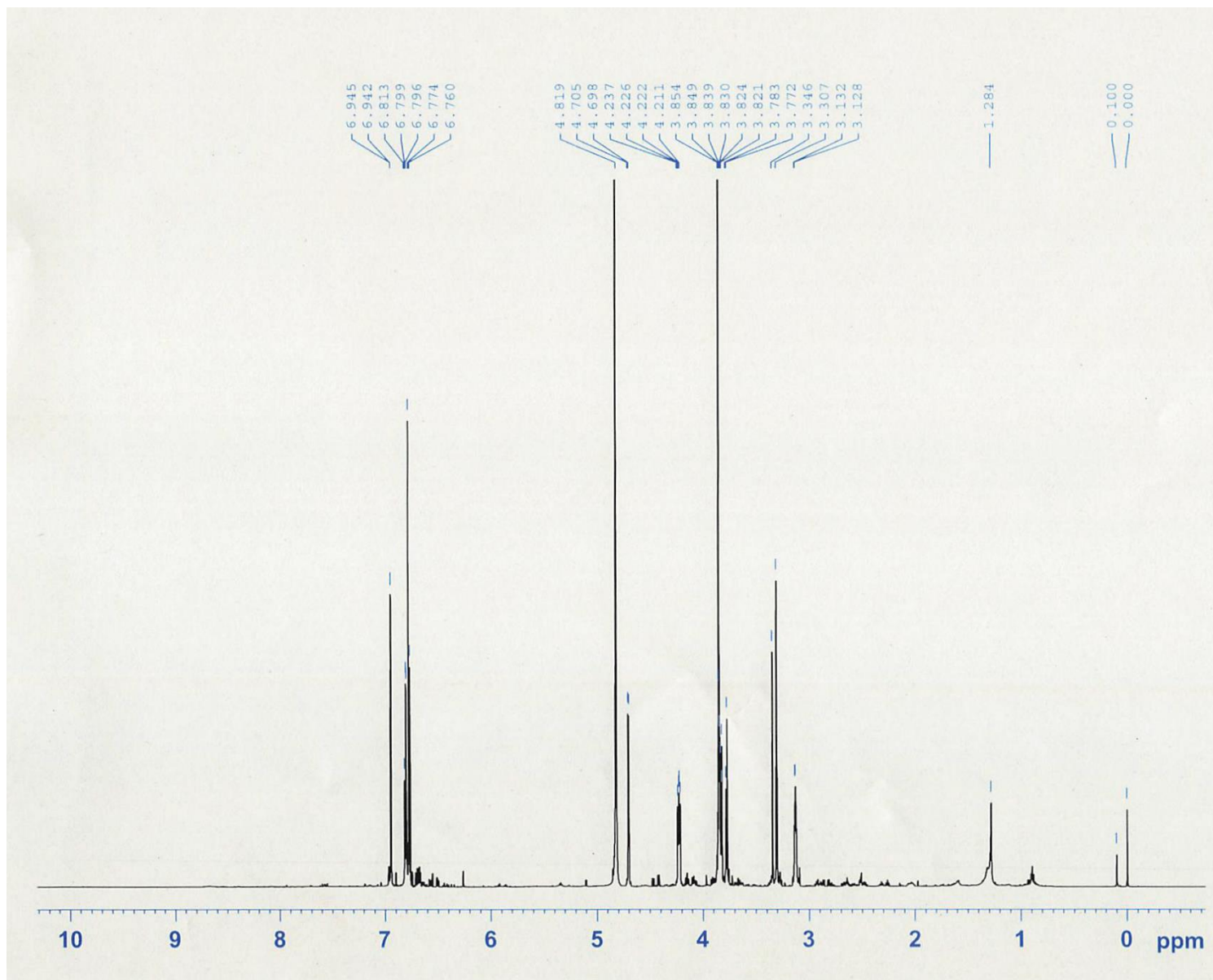


Fig. S 10; ^{13}C NMR spectrum of compound 3

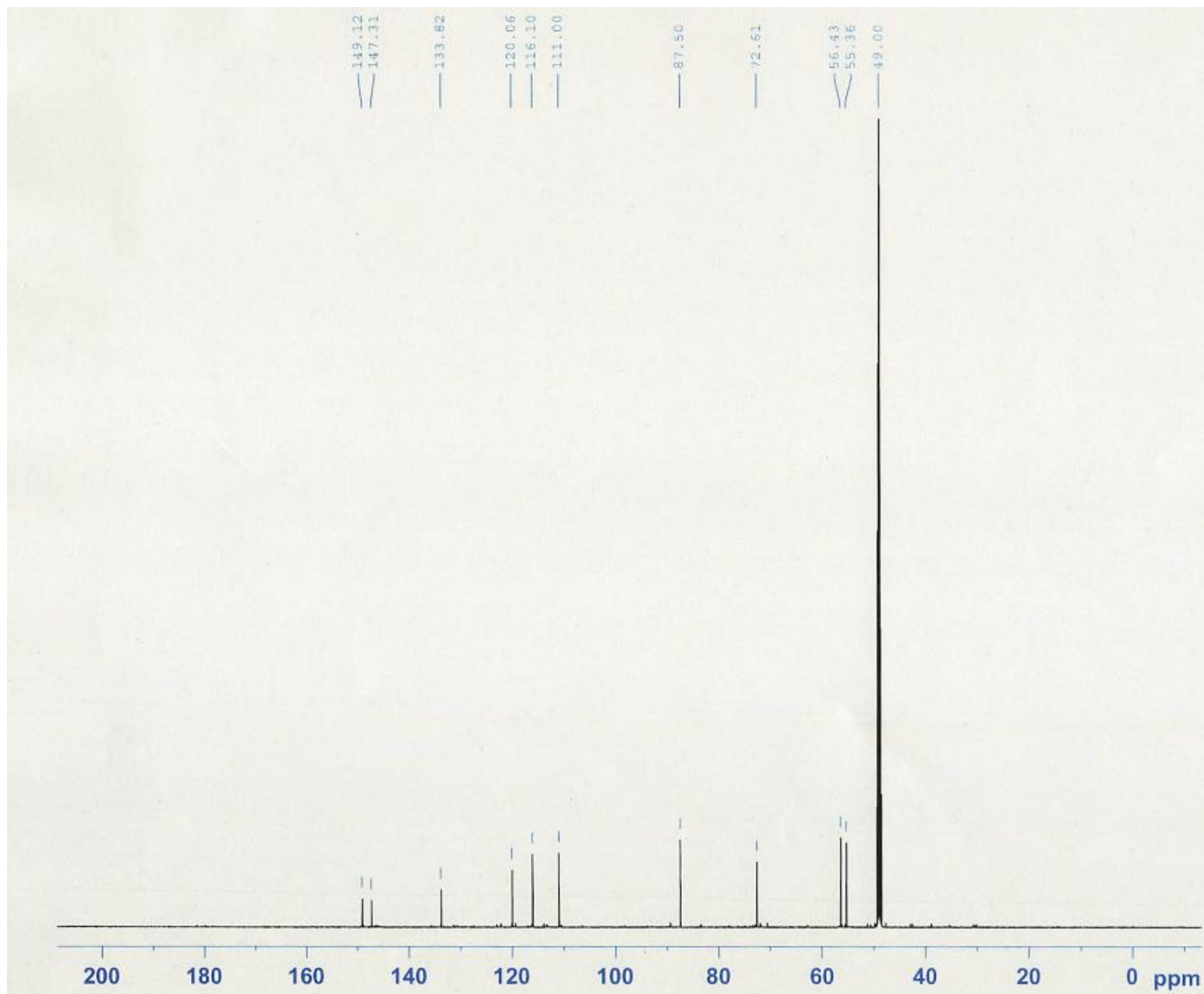


Fig. S 12; HSQC spectrum of compound 3

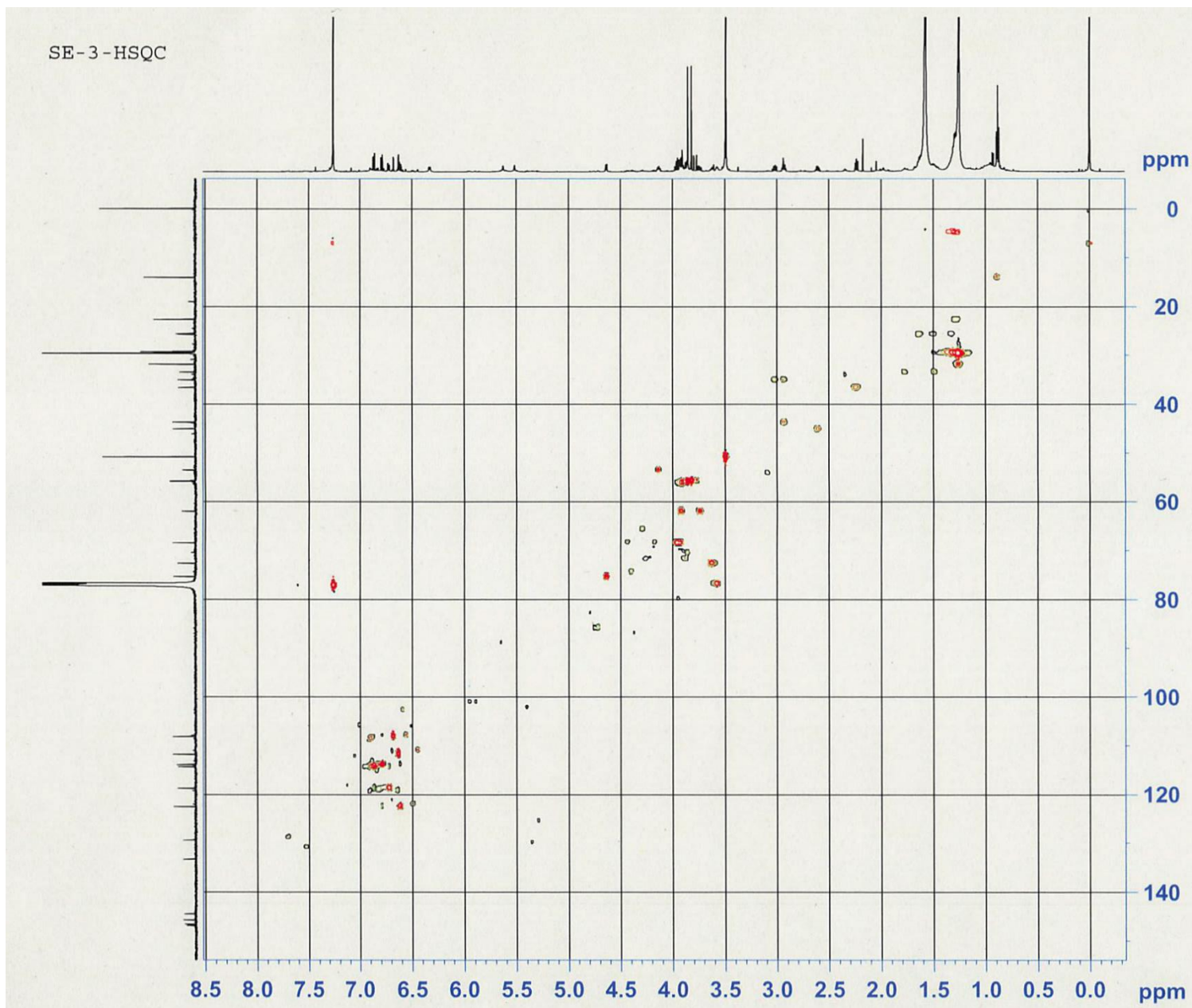


Fig. S 13; HMBC spectrum of compound 3

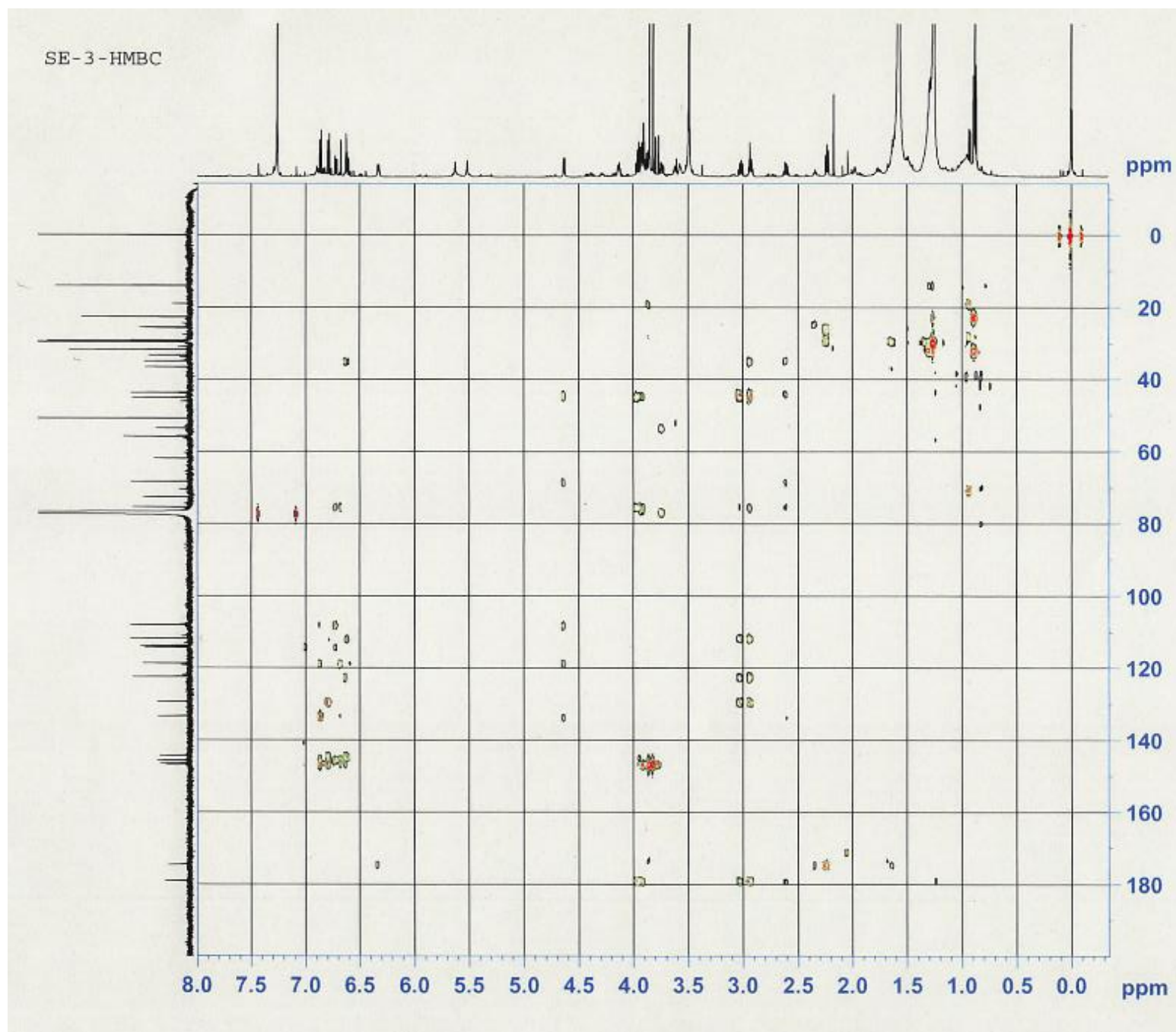


Fig. S 14; ^1H NMR spectrum of compound 4

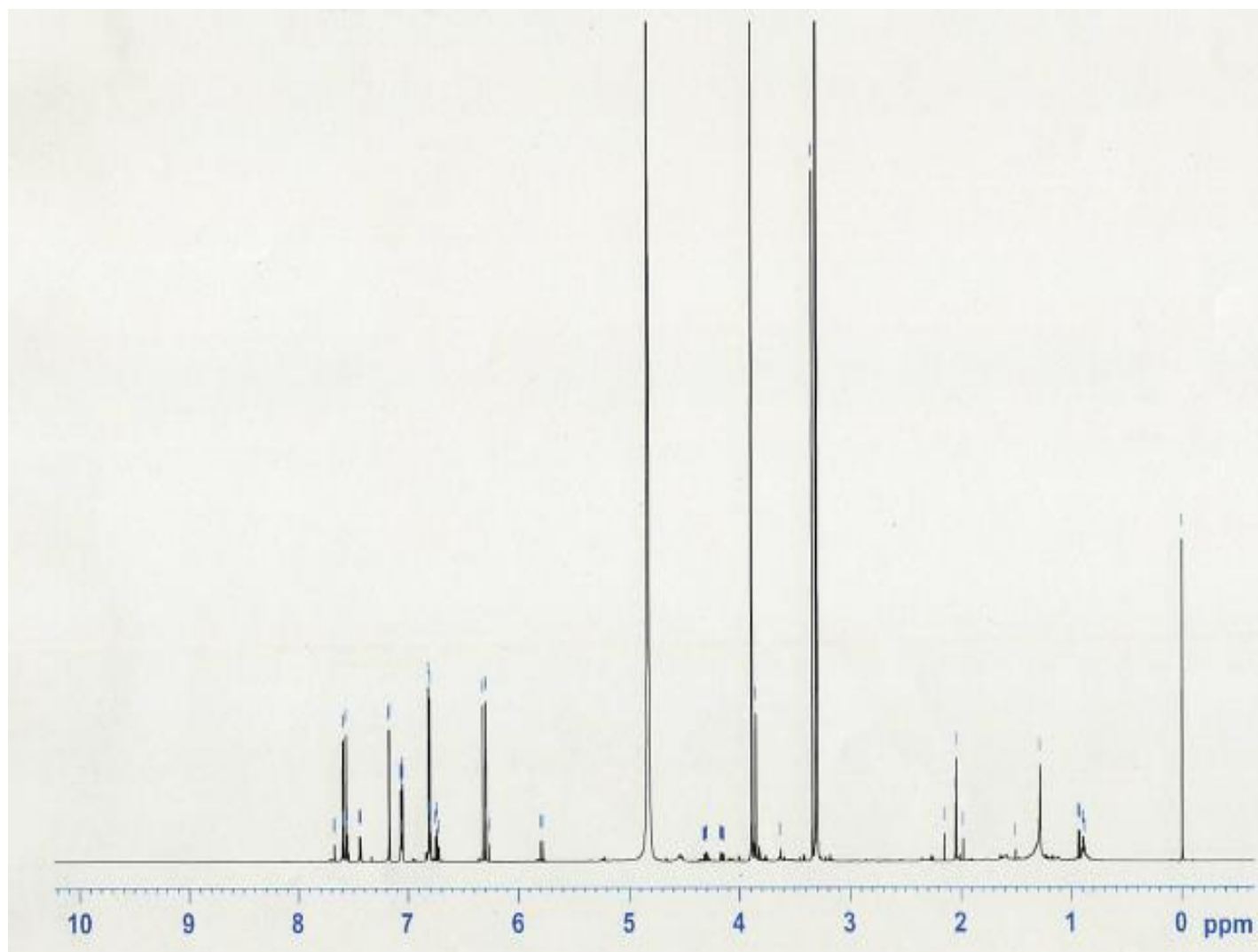


Fig. S 15; ^{13}C NMR spectrum of compound 4

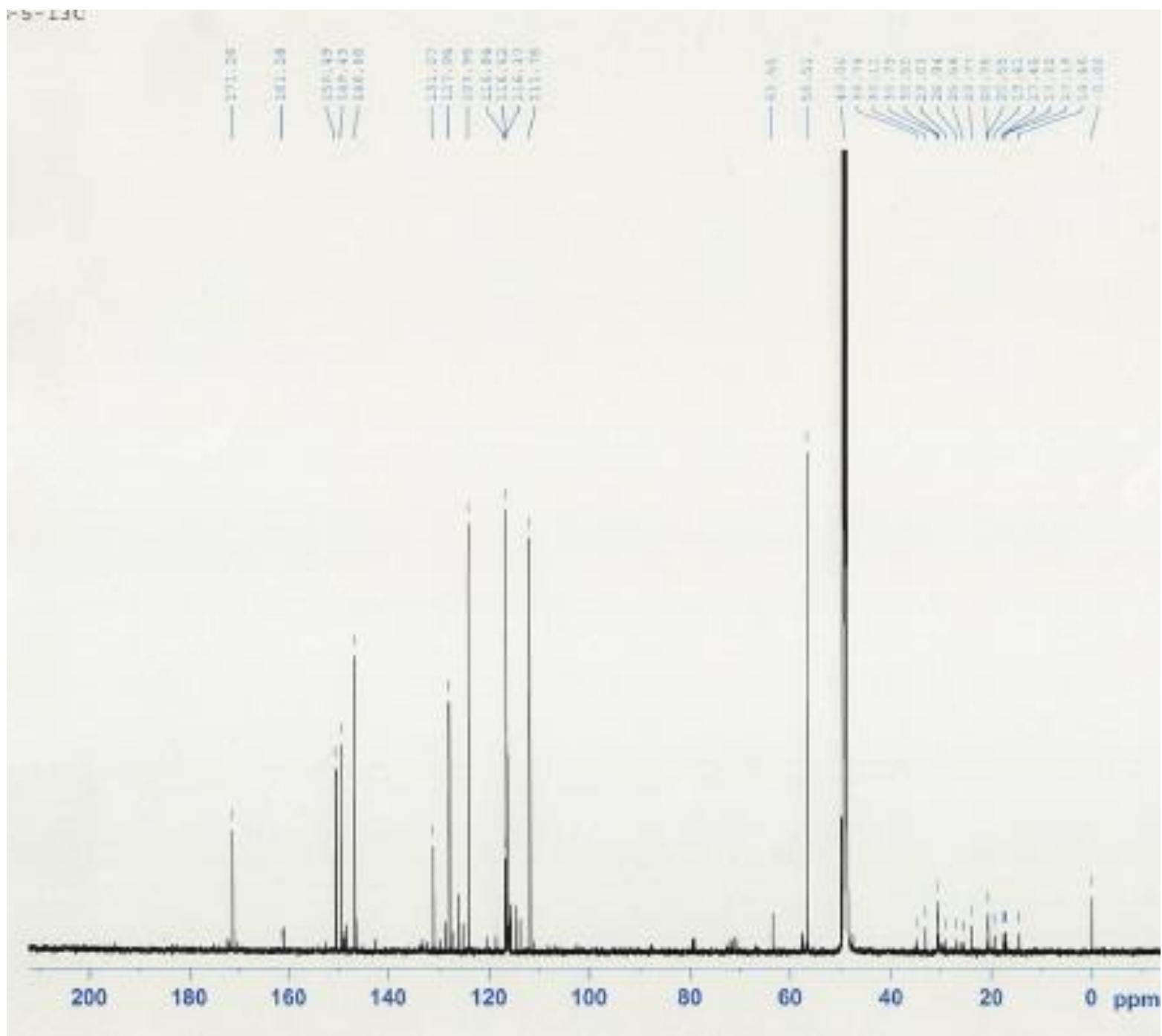


Fig. S 16; HSQC spectrum of compound 4

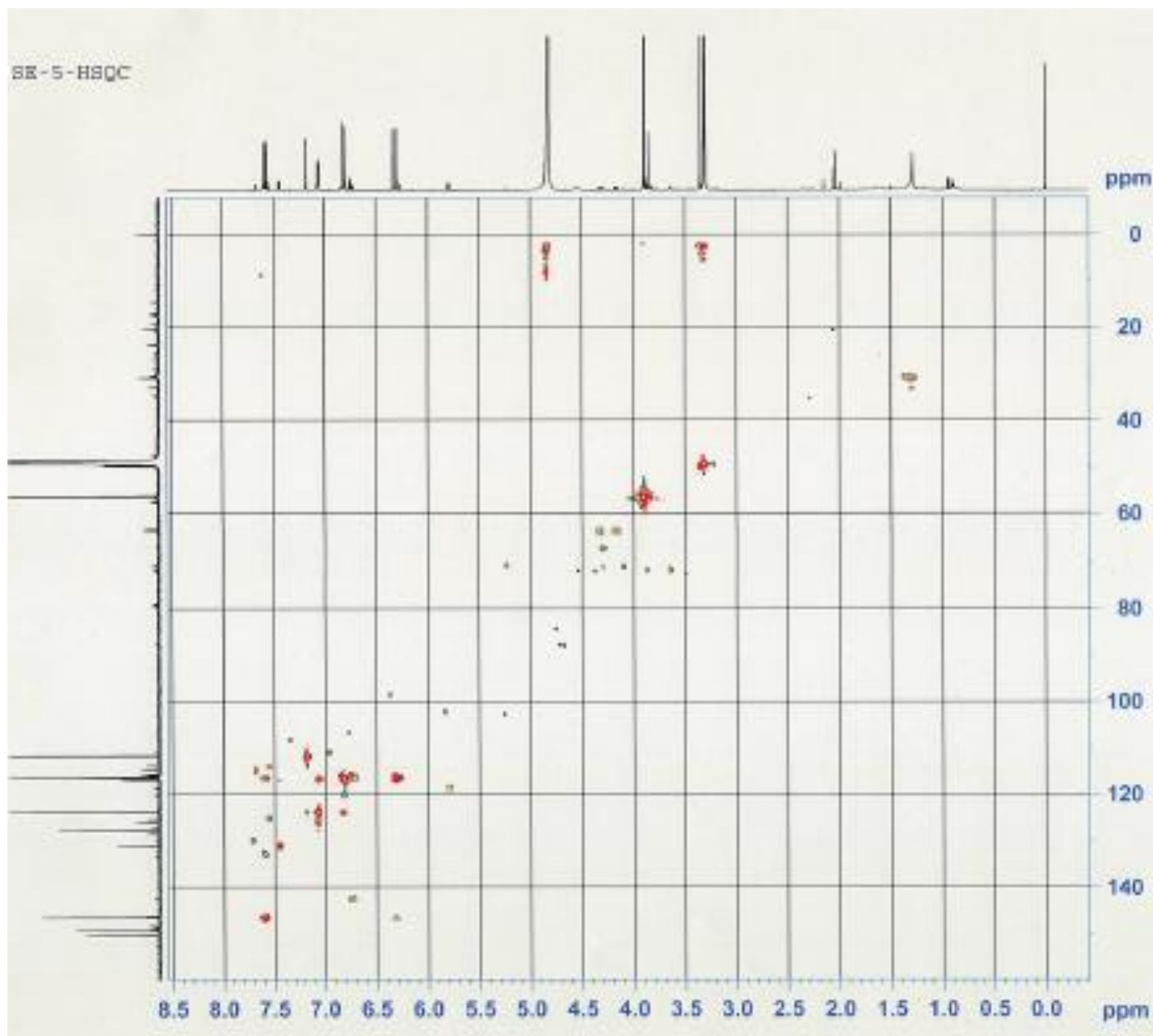


Fig. S 17; HMBC spectrum of compound 4

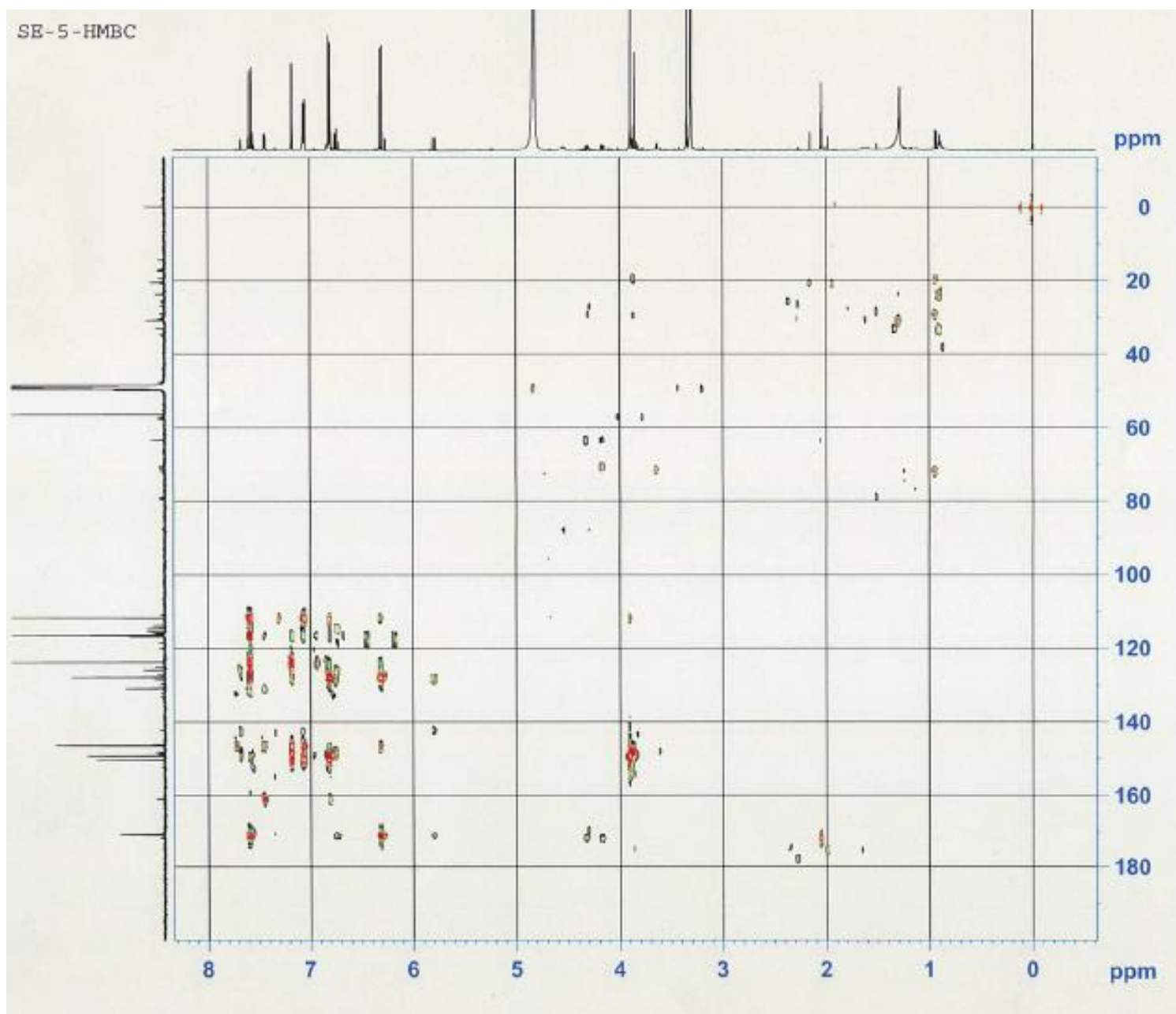


Fig. S 18; ^1H NMR spectrum of compound 5

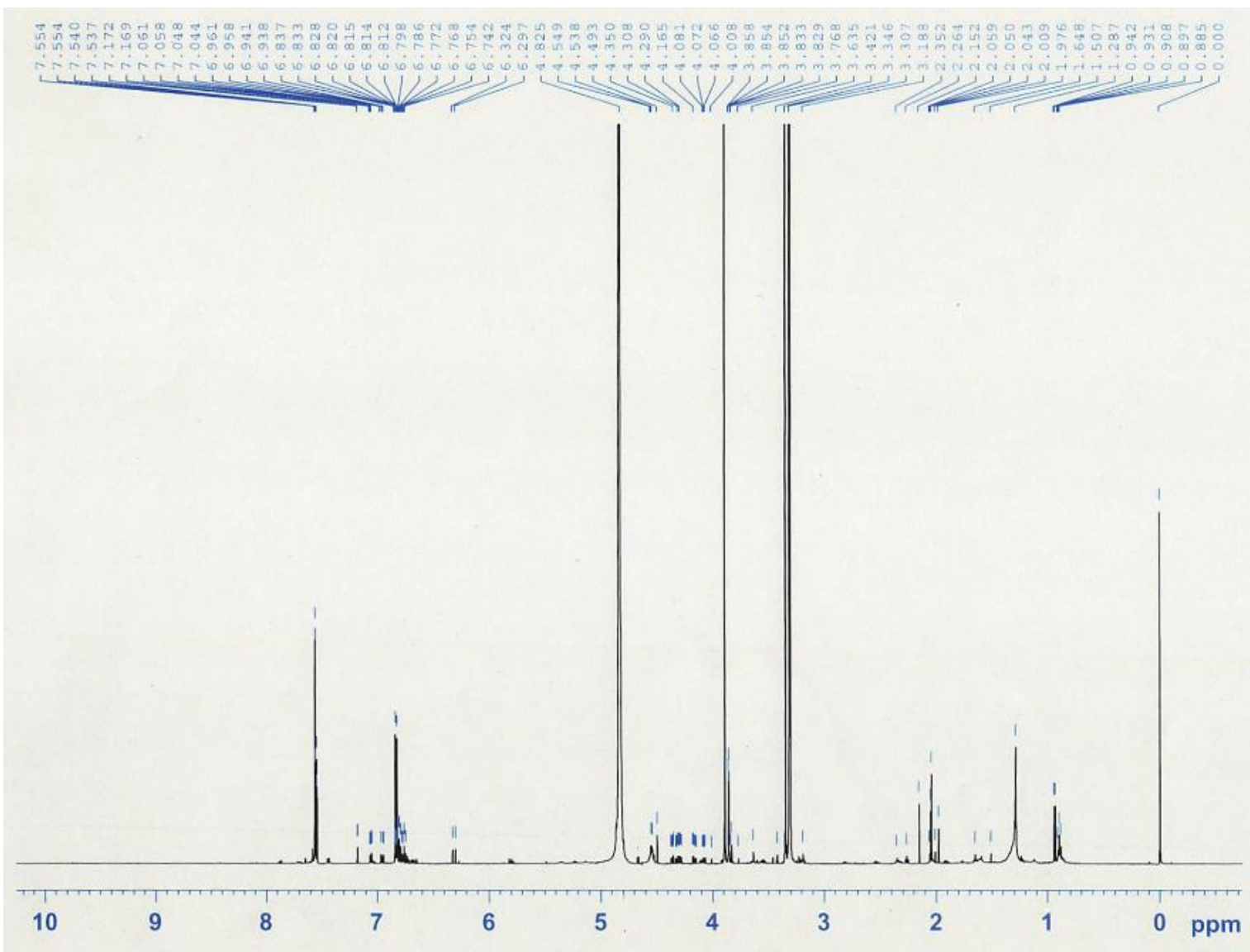


Fig. S 18; ^{13}C NMR spectrum of compound 5

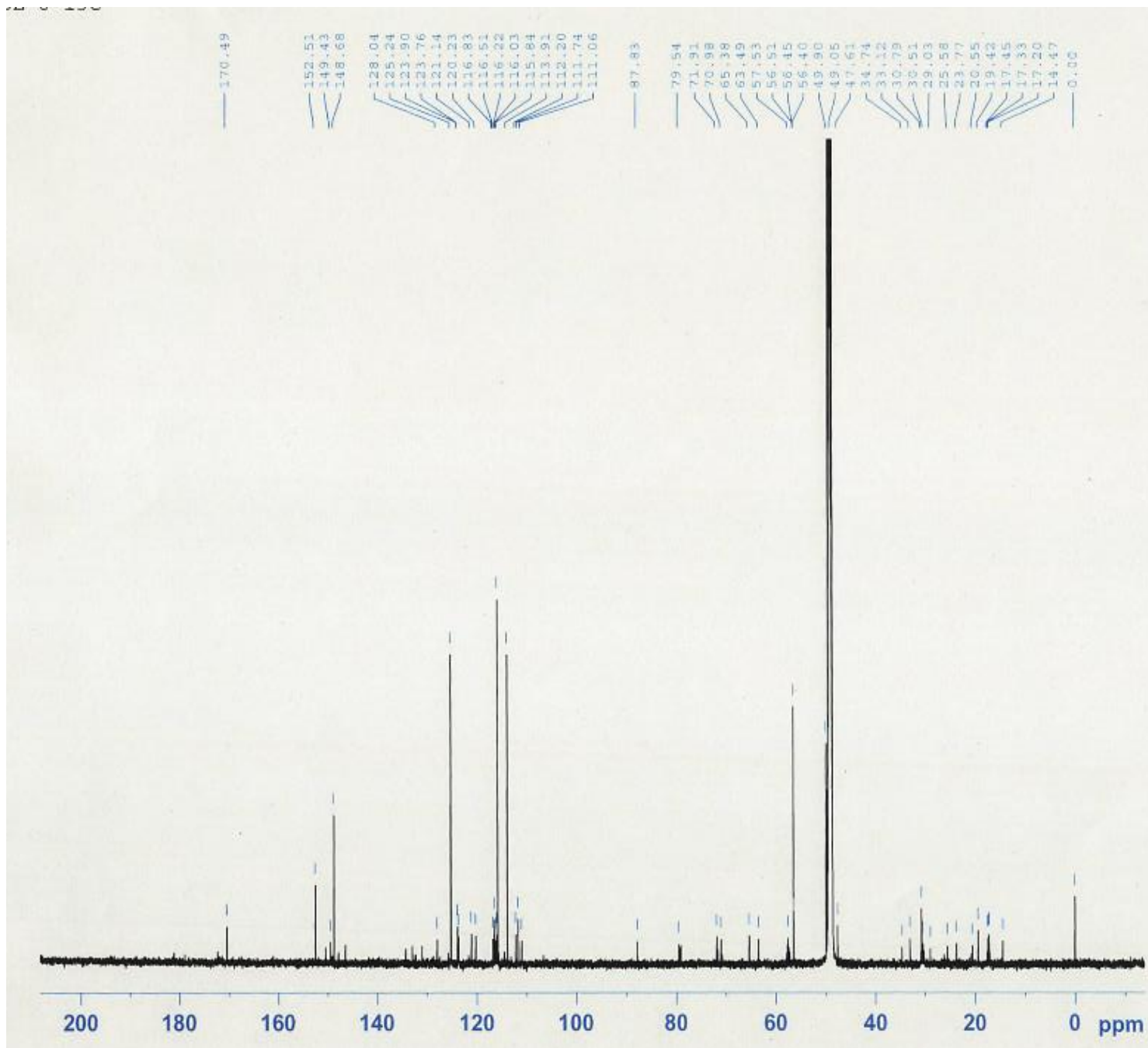


Fig. S 19; HSQC spectrum of compound 5

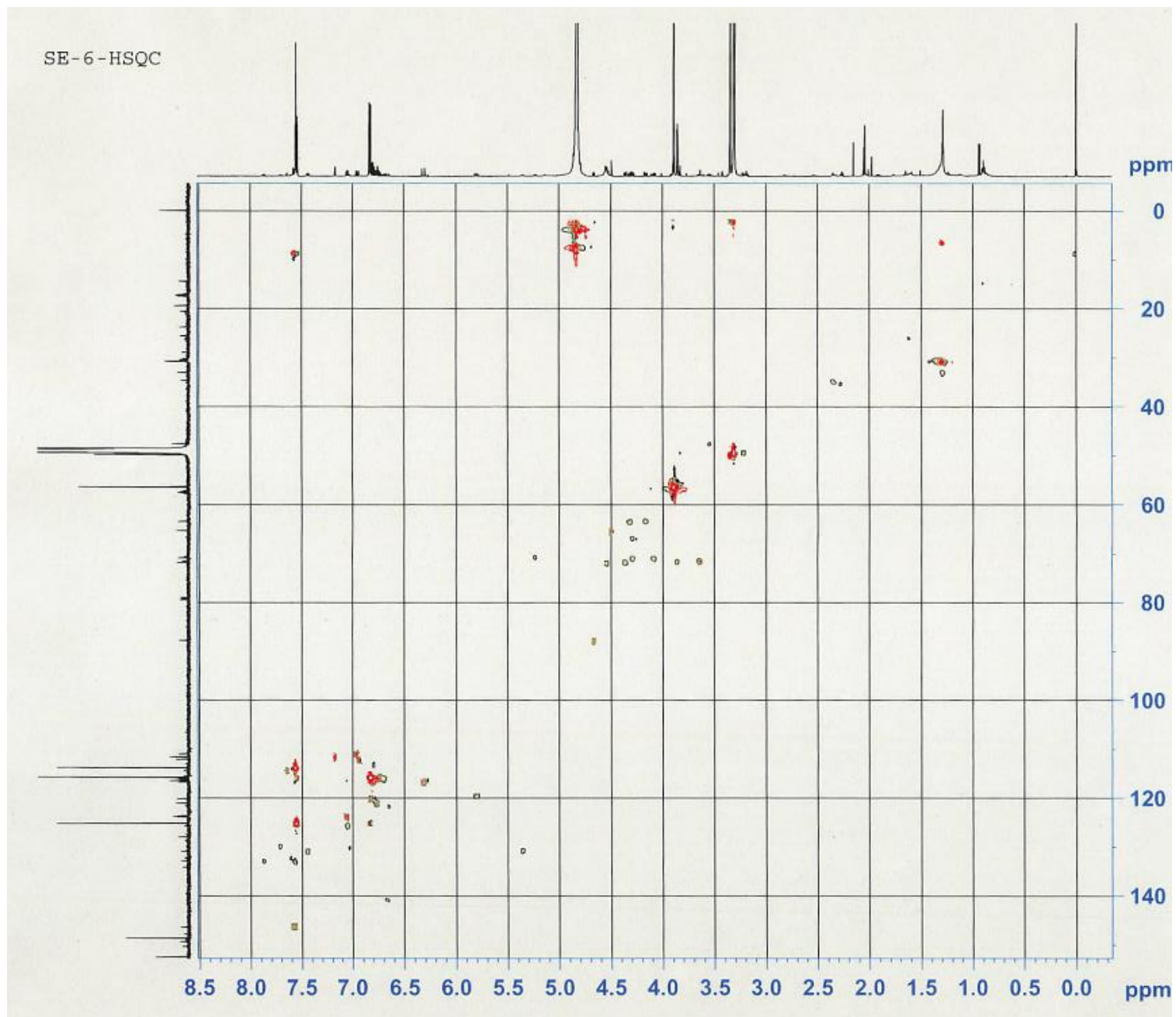


Fig. S 20; HSQC spectrum of compound 5

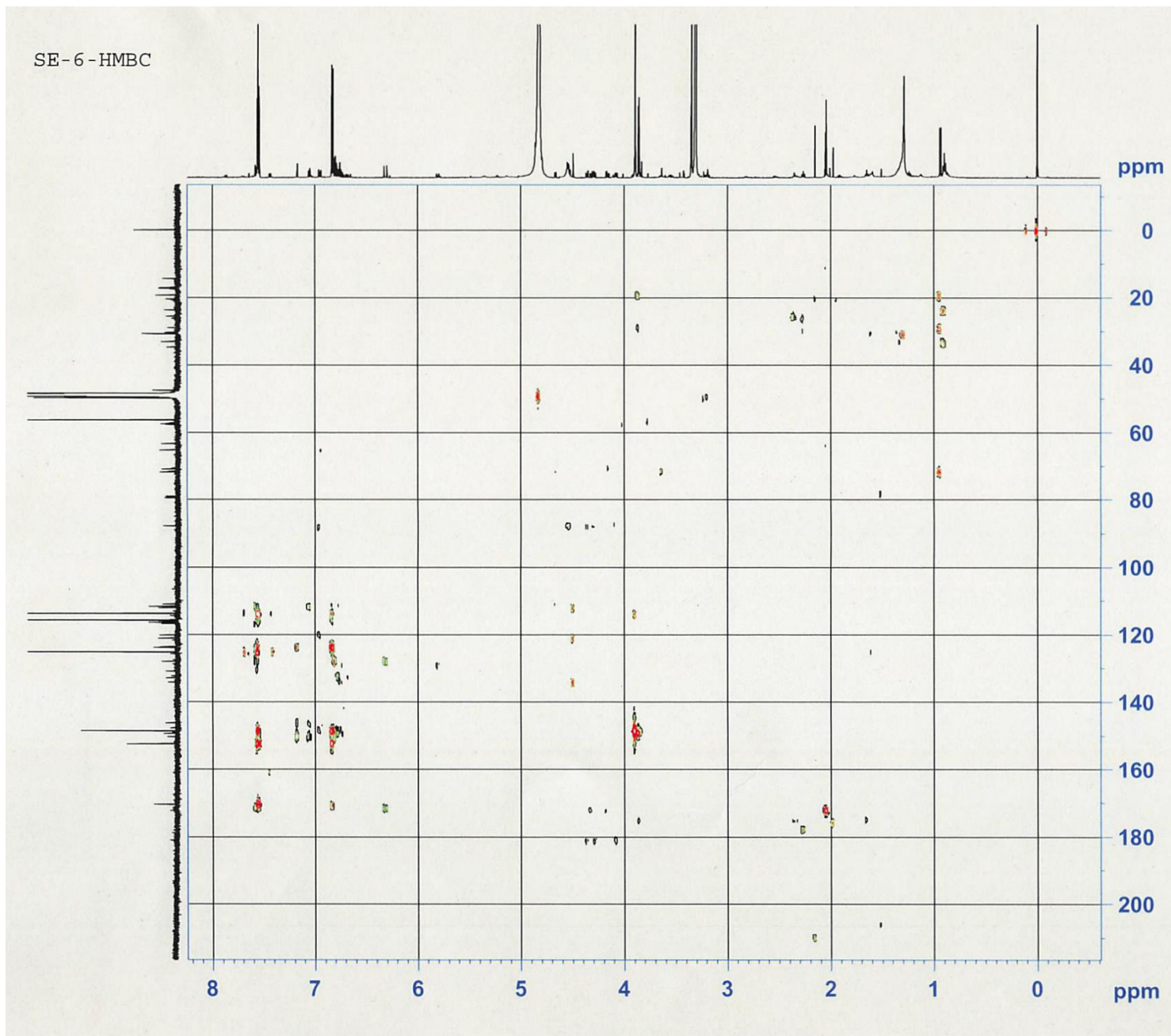


Fig. S 21; ¹H NMR spectrum of compound 6

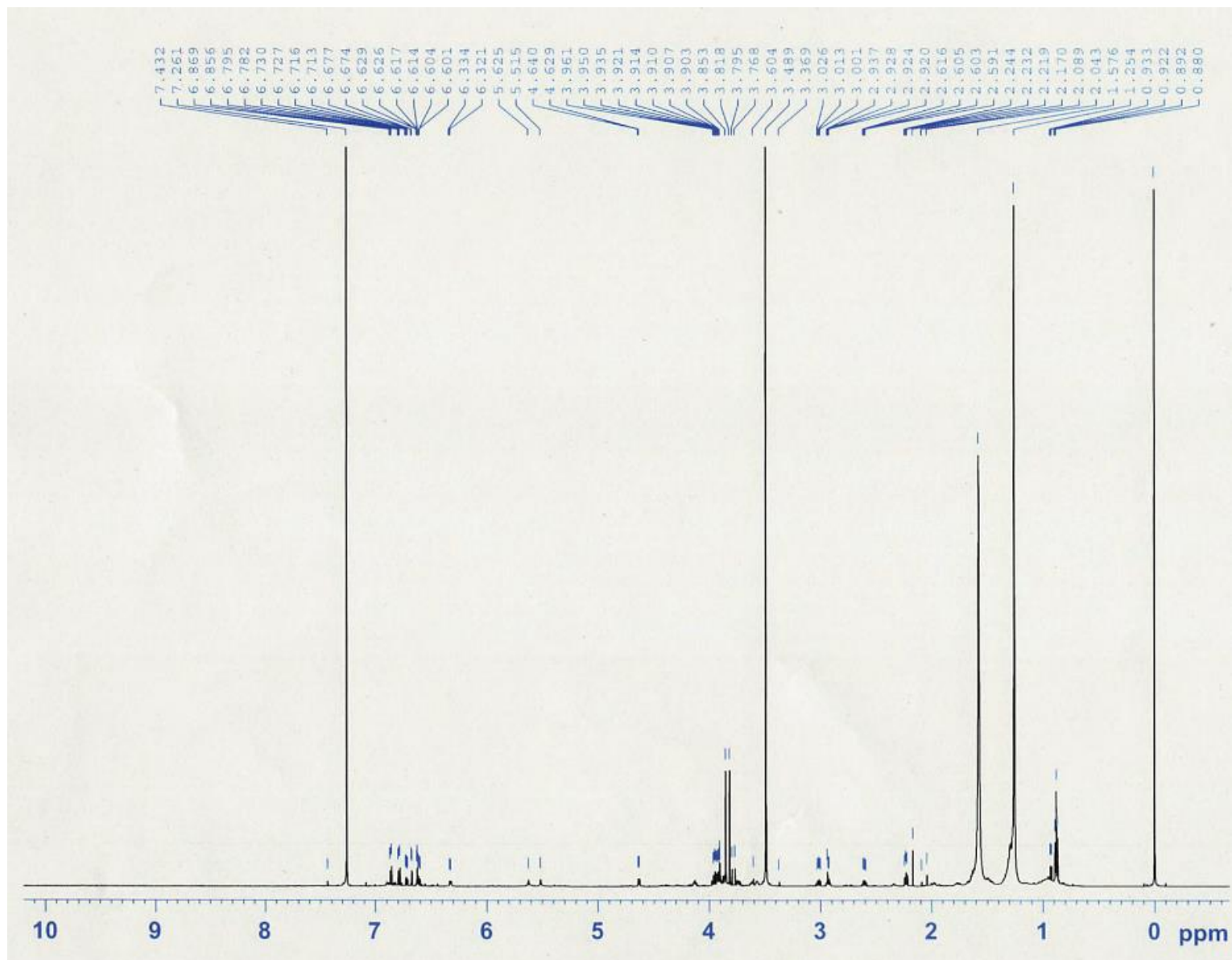


Fig. S 22; ^{13}C NMR spectrum of compound 6

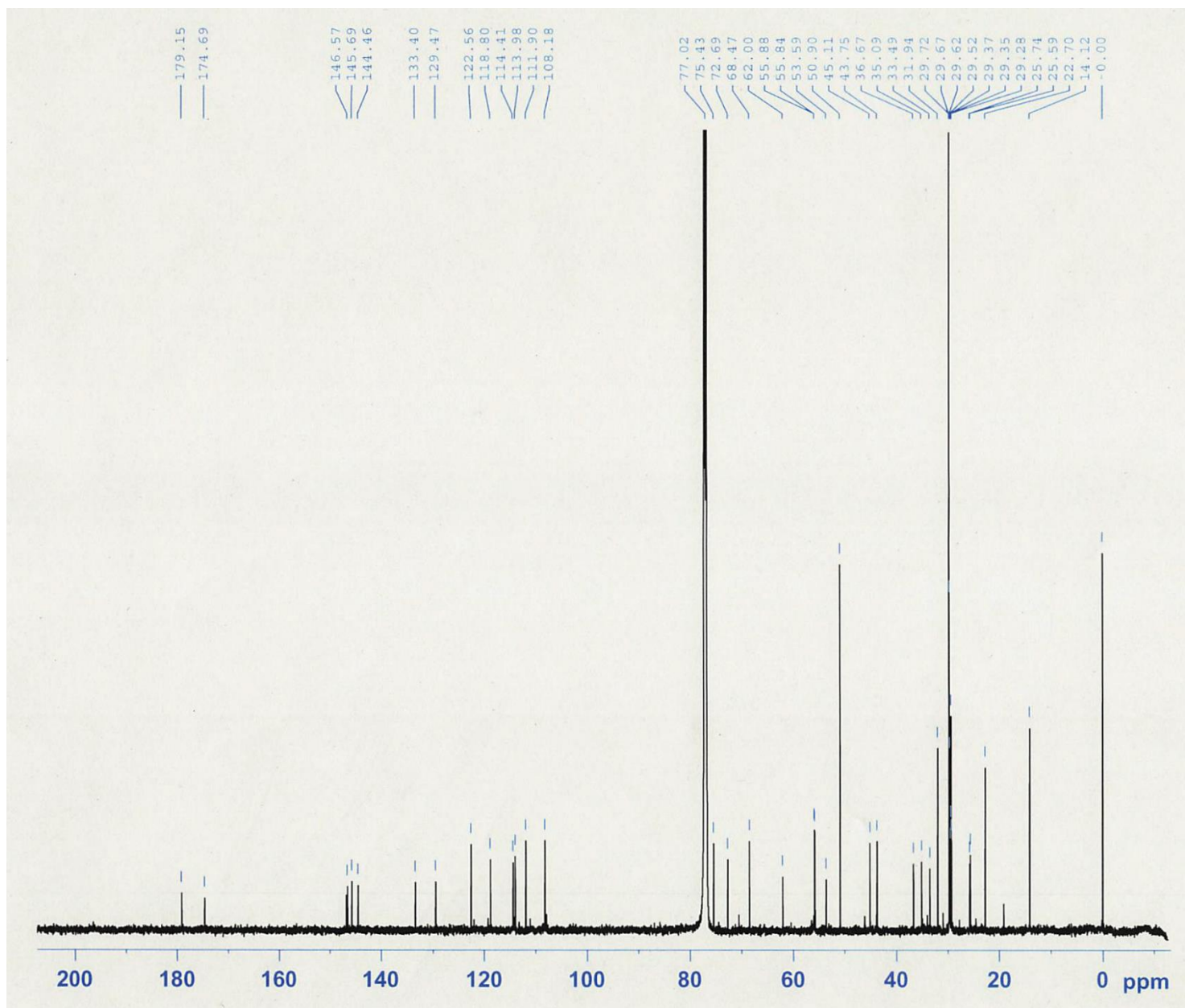


Fig. S 23; HSQC spectrum of compound 6

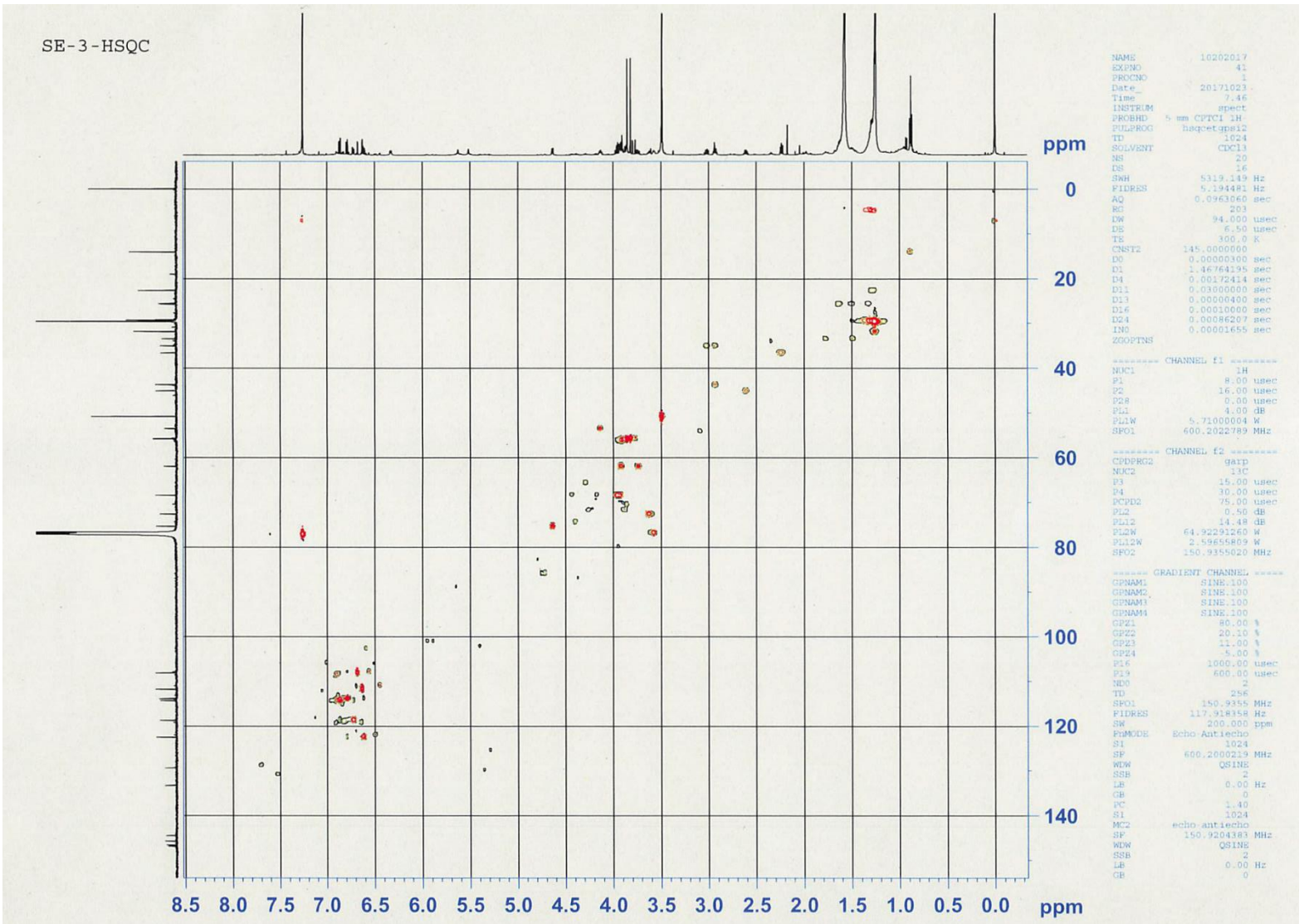


Fig. S 24; HMBC spectrum of compound 6

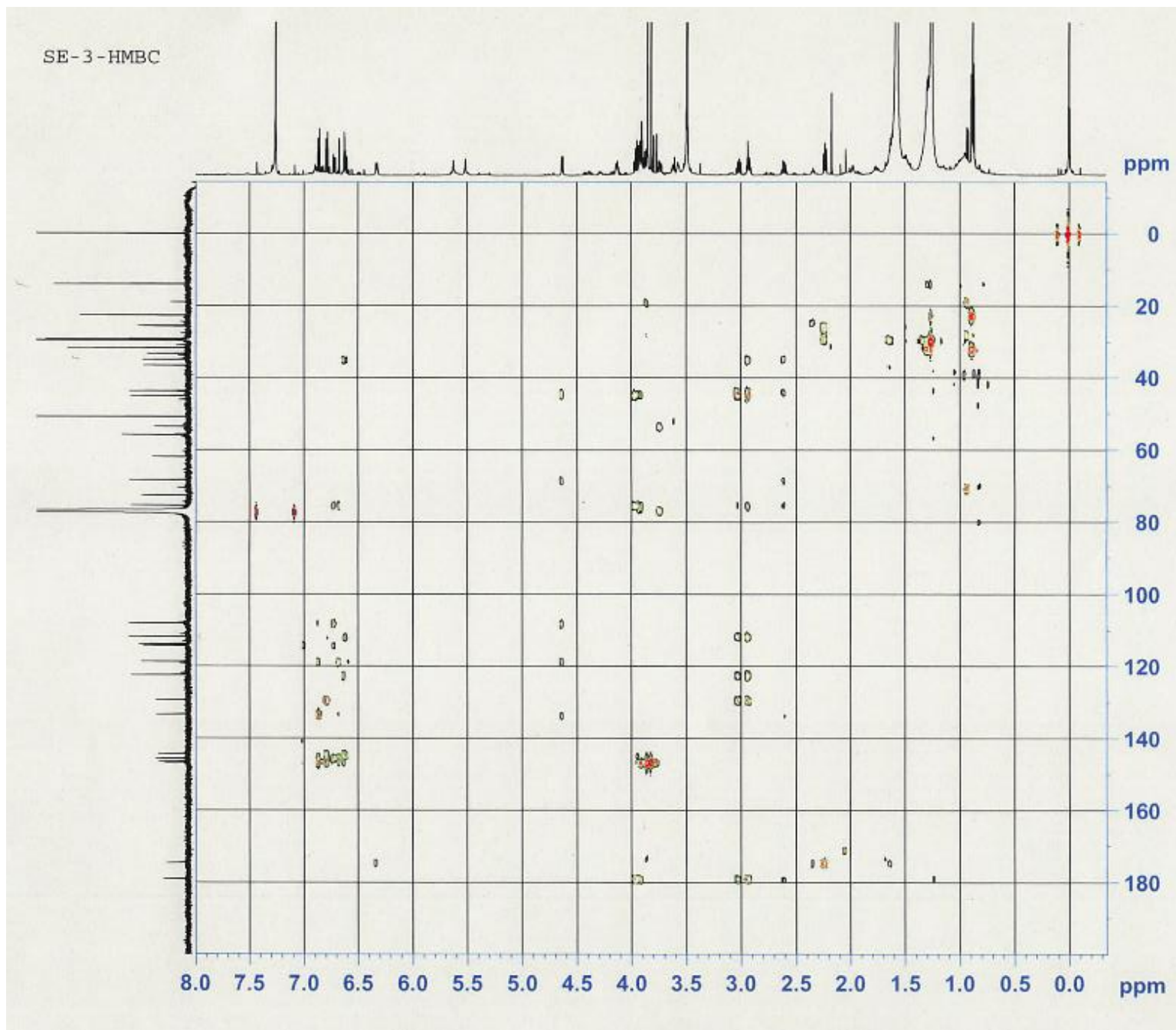


Fig. S 25; ^1H NMR spectrum of compound 7

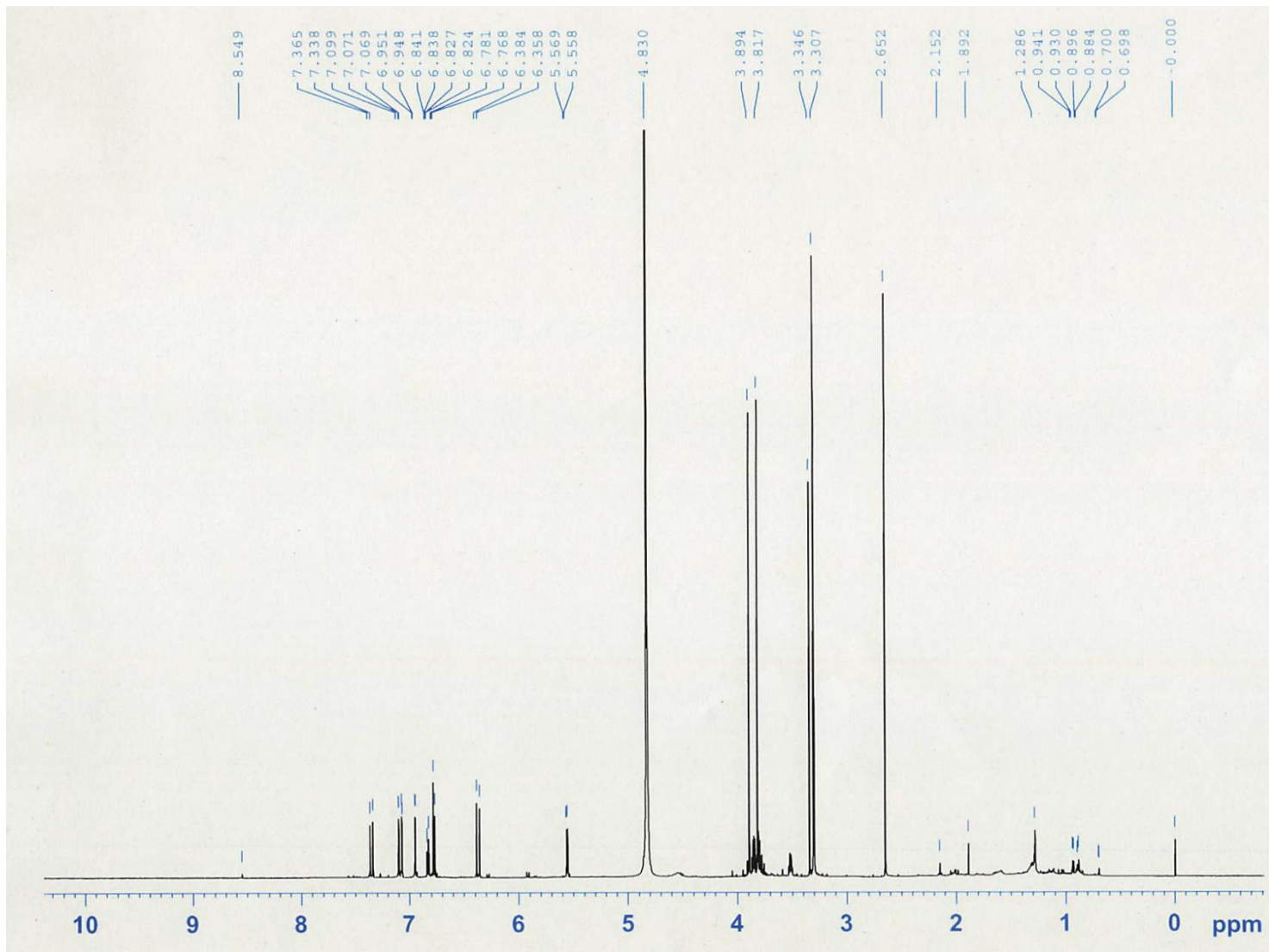


Fig. S 26; ^{13}C NMR spectrum of compound 7

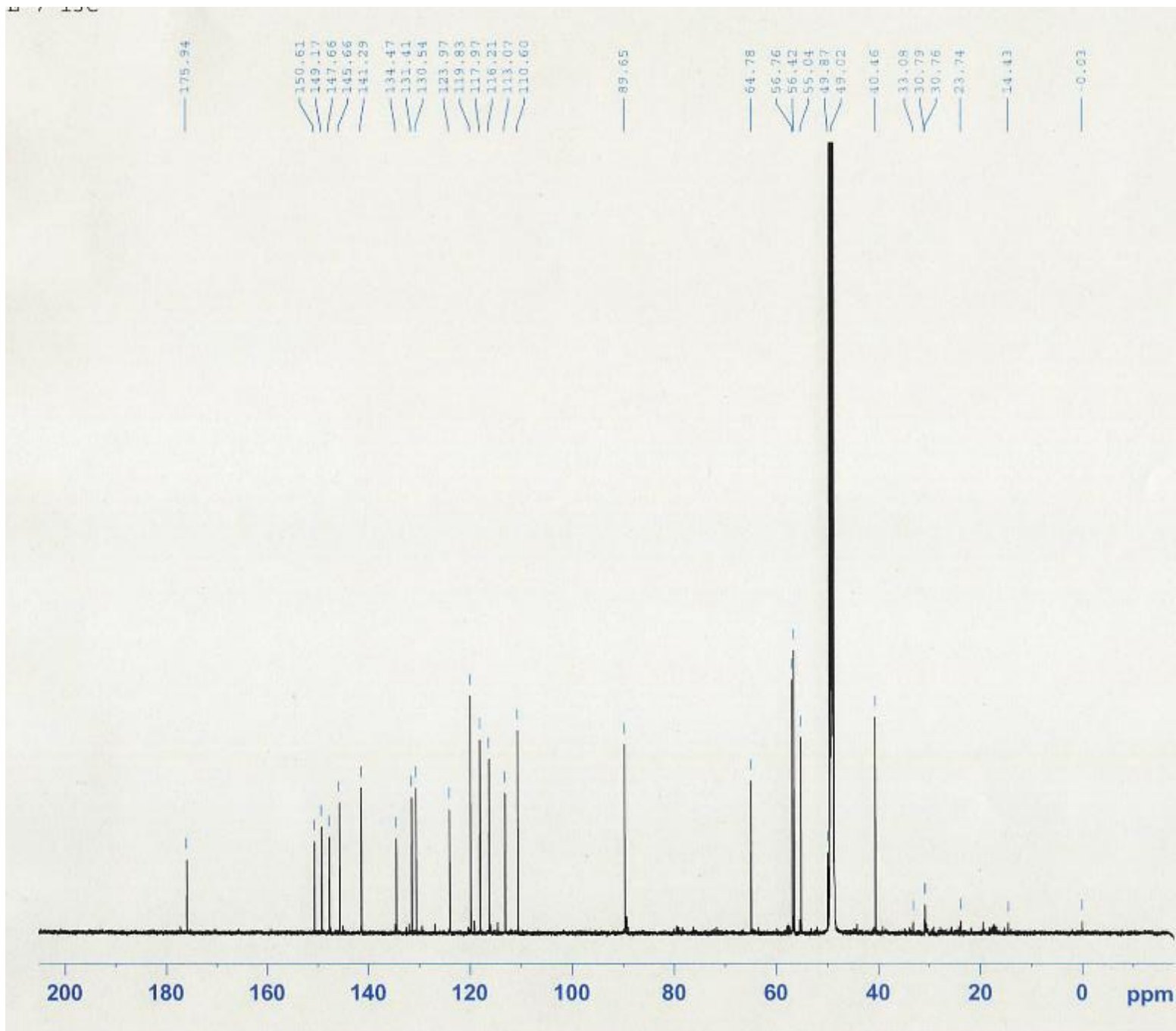


Fig. S 27; HSQC spectrum of compound 7

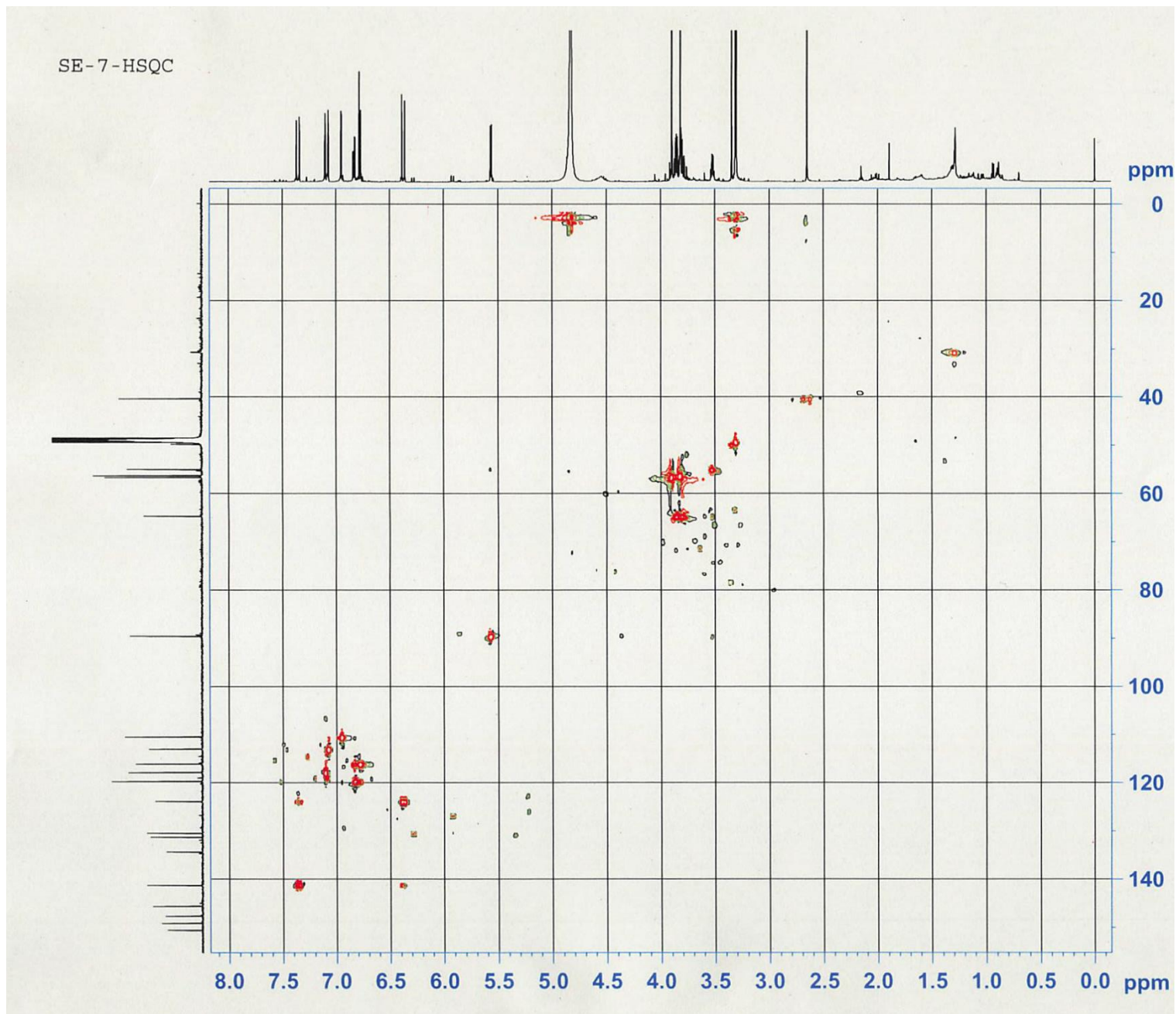


Fig. S 28; HMBC spectrum of compound 7

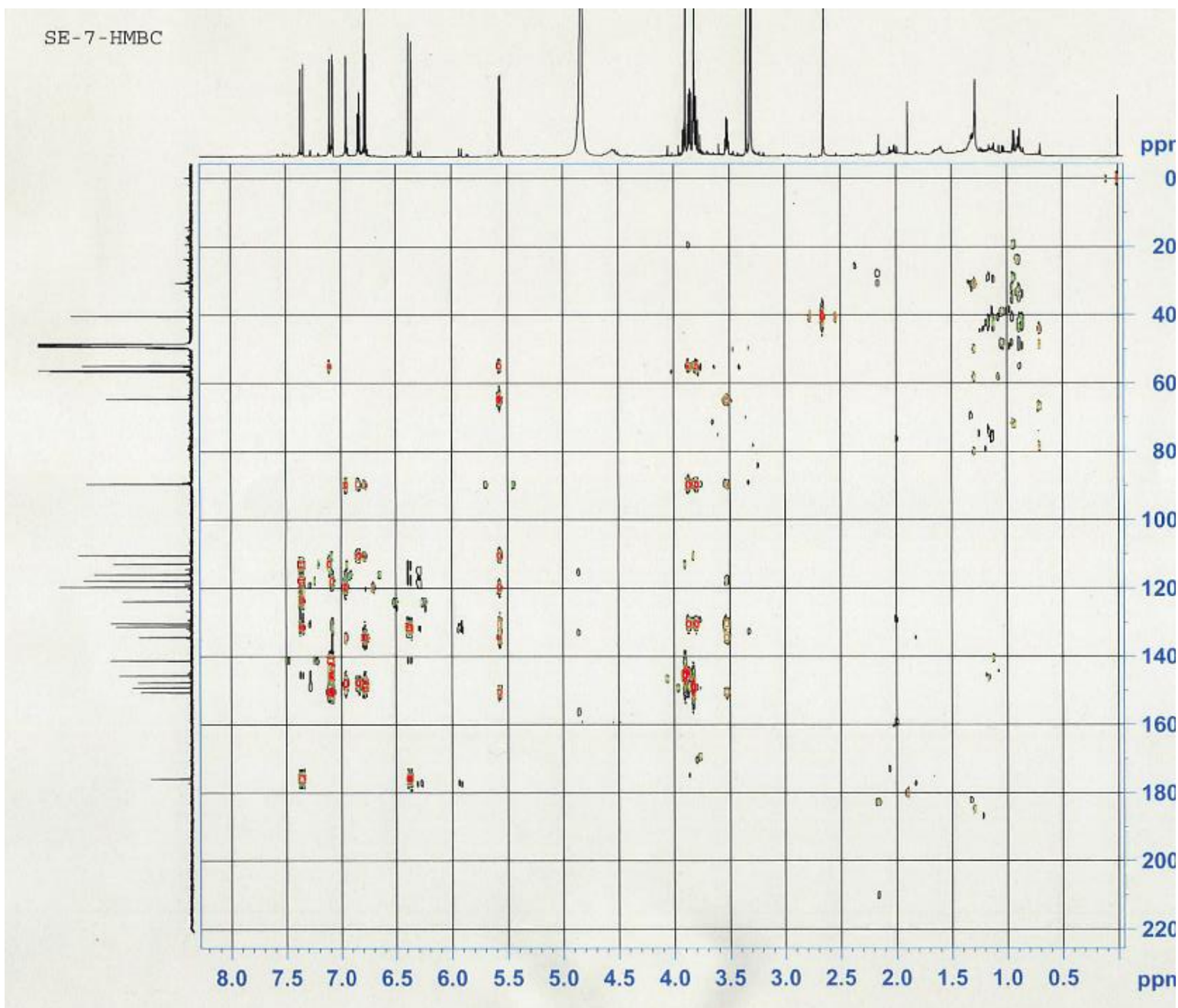


Fig. S29. M Pro

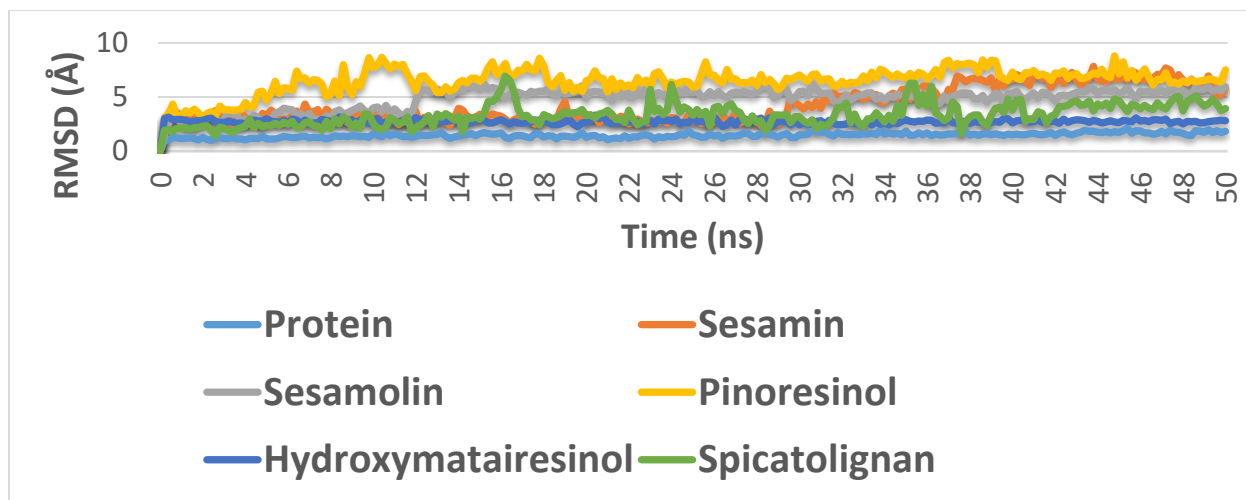


Fig. S30. PLPRO

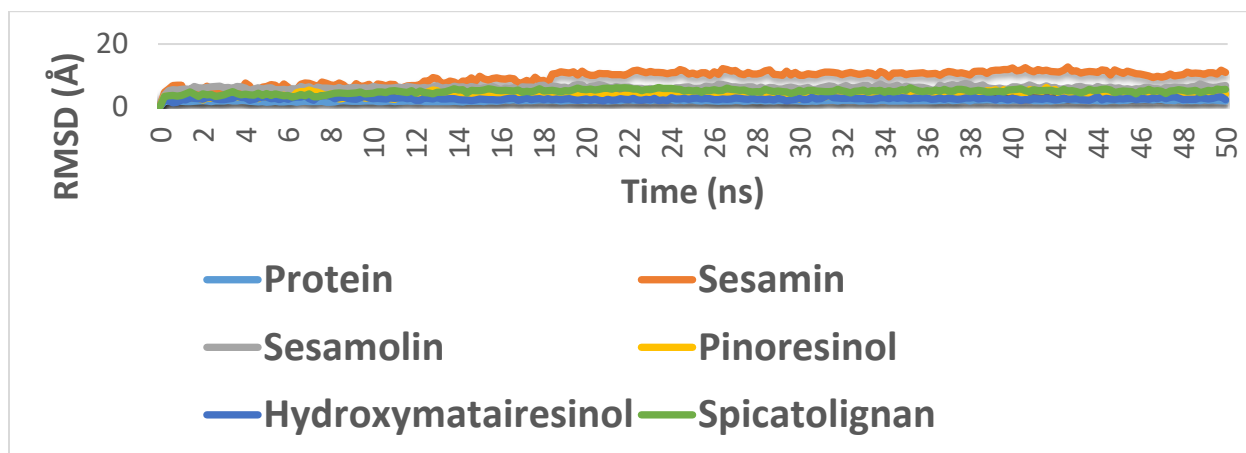


Fig. S31. RDRP

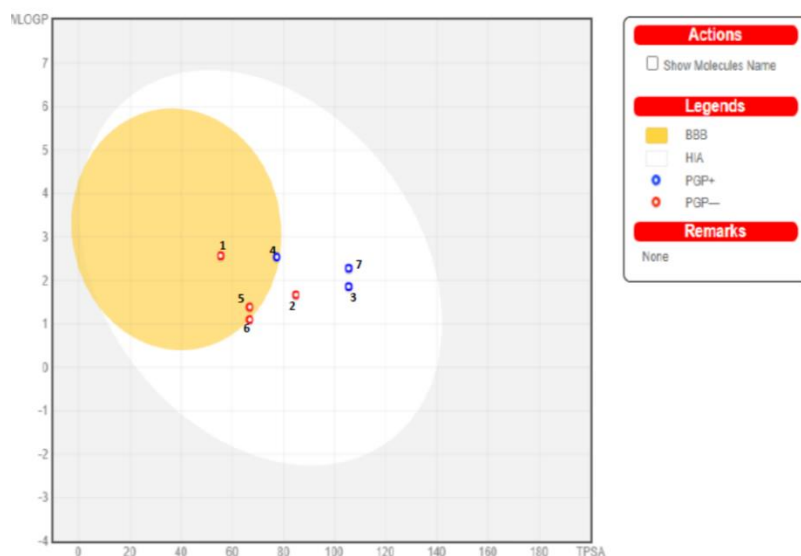
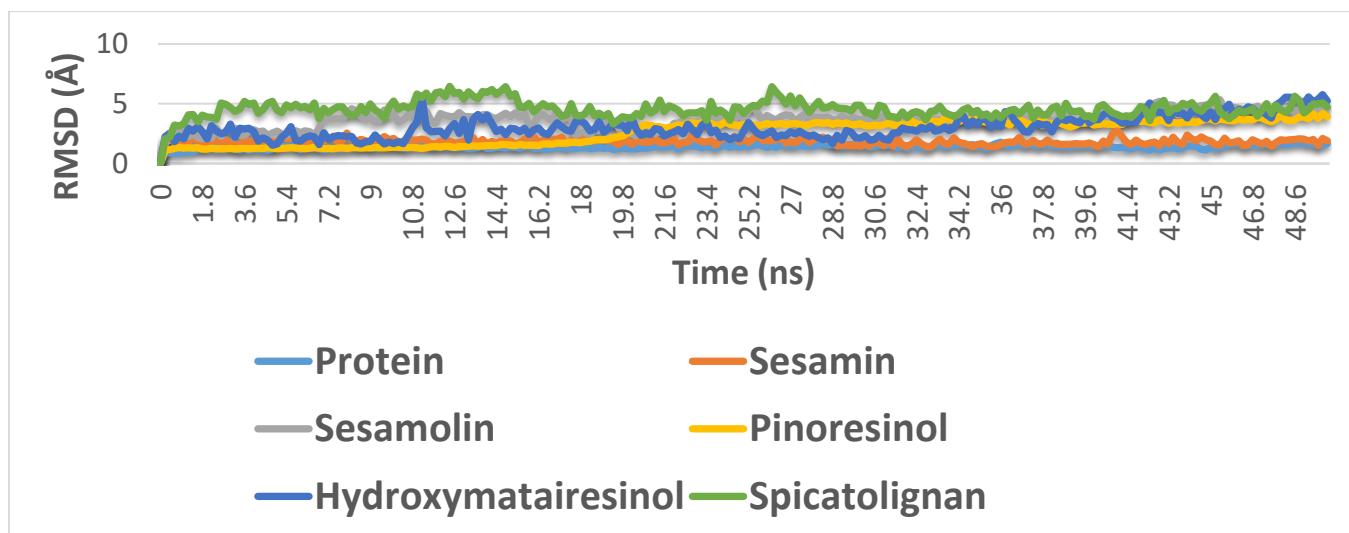


Fig. S32 Boiled-egg diagram of the investigated compounds. BBB, passively permeate blood brain barrier; HIA, Human intestinal absorption; PGP+, compounds that effluated from central nervous system by the P-Glycoprotein; PGP-, compounds that is not binding to P-Glycoprotein.