Supplementary Material

Prenyl pterocarpans from aerial parts of Algerian *Bituminaria bituminosa* and their effects on neuroblastoma

Hakim Benhabrou,[1] Fatma Bitam,[2] Luigia Cristino,[3]* Alessandro Nicois,[3,4] Marianna Carbone,[3]

Dibi Ammar,[1] Margherita Gavagnin,[3] and Maria Letizia Ciavatta[3]*

[1]Faculté des Sciences de la Matière, Département de Chimie, Laboratoire de Chimie et Chimie de l'Environnement (LCCE), Université de Batna 1, 05000, Batna, Algeria.

[2]Faculté de Médecine, Département de Pharmacie, Université de Batna 2, 05000, Batna, Algeria.

[3]Consiglio Nazionale delle Ricerche, Istituto di Chimica Biomolecolare, Via Campi Flegrei 34, 80078 Pozzuoli (Na), Italy.

[4]University of Urbino 'Carlo Bo', Department of Biomolecular Sciences, Via Santa Chiara, 27, 61029 Urbino, Italy.

***Corresponding authors**

Email*:* lciavatta@icb.cnr.it; Phone +39 081 867 52 43 Fax +39 081 804 17 70

Email: lcristino@icb.cnr.it; Phone +39 081 867 5

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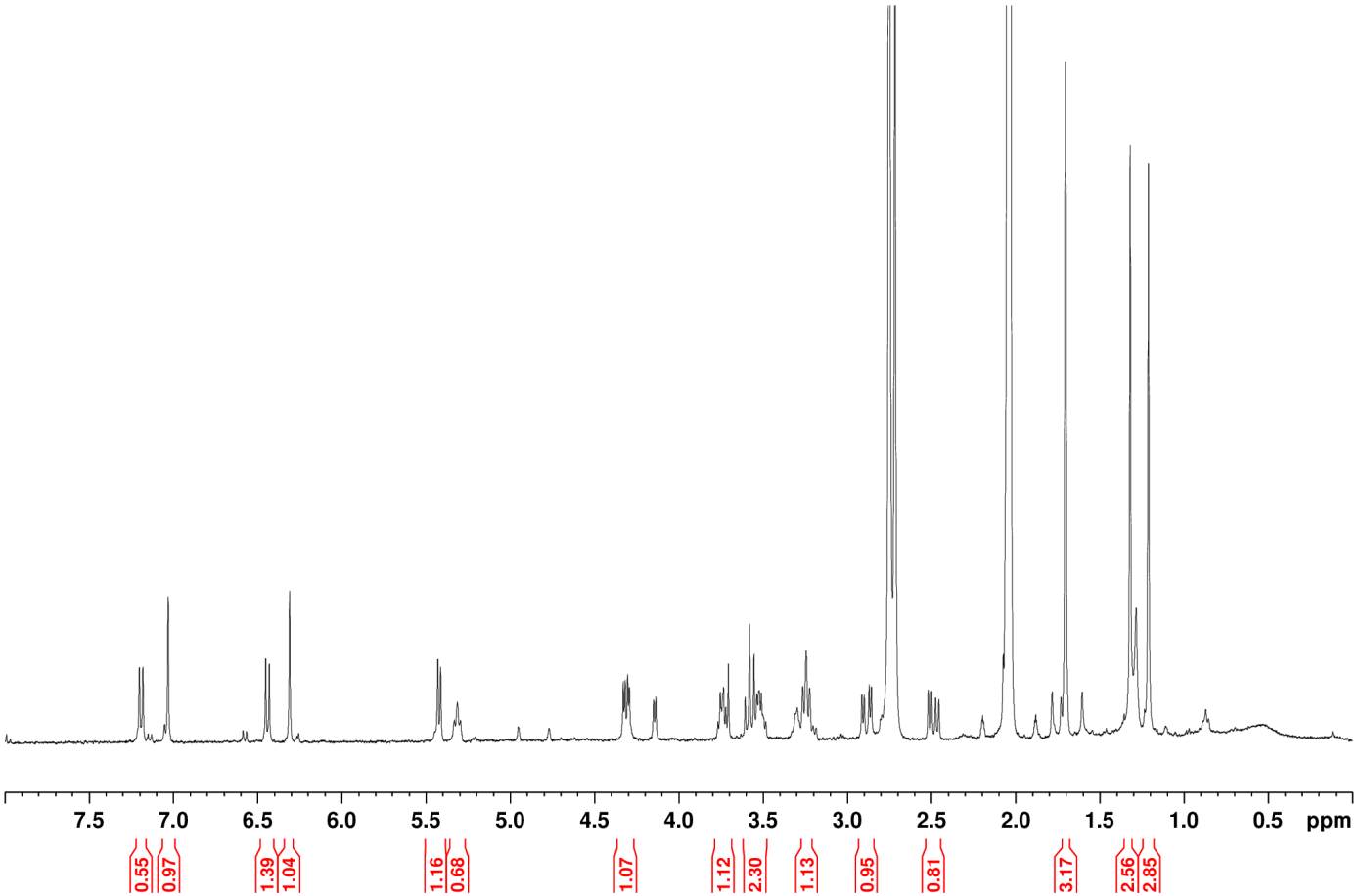
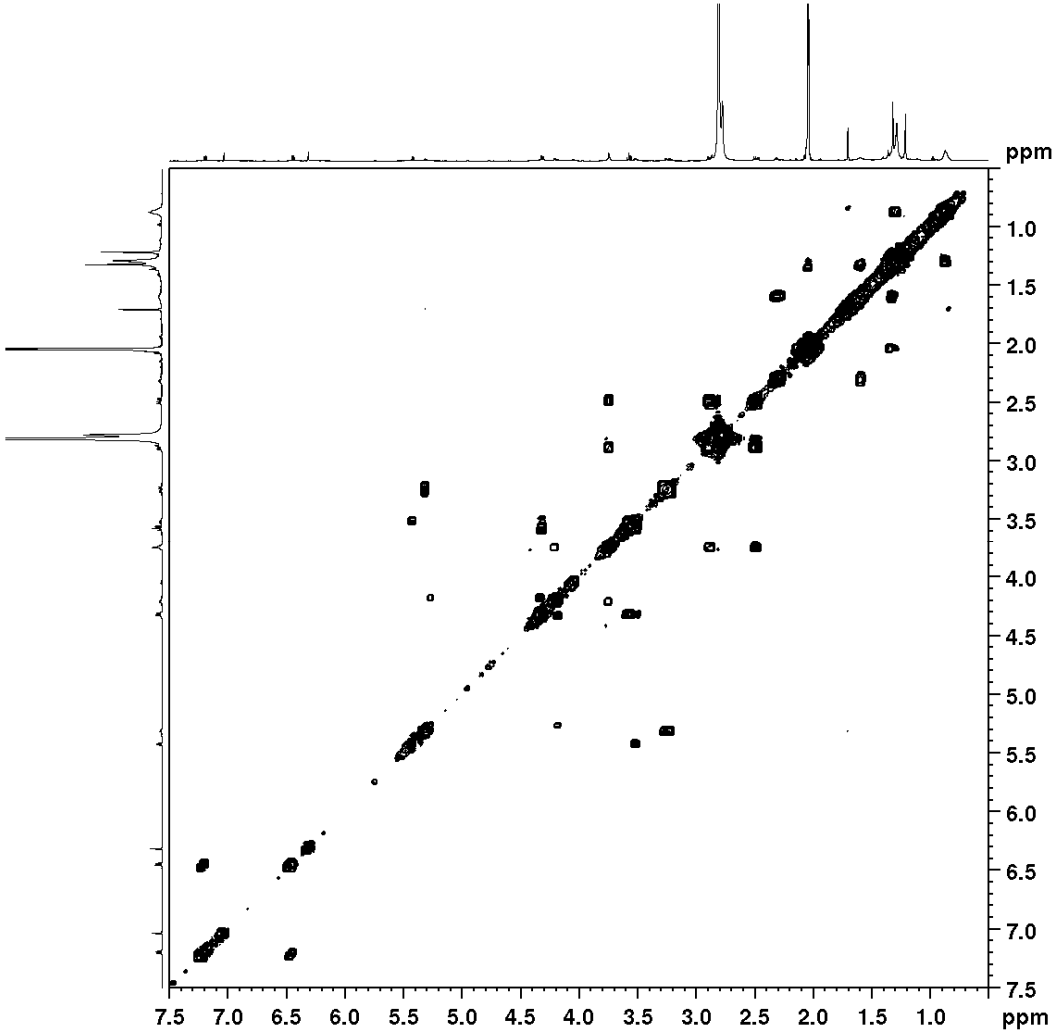
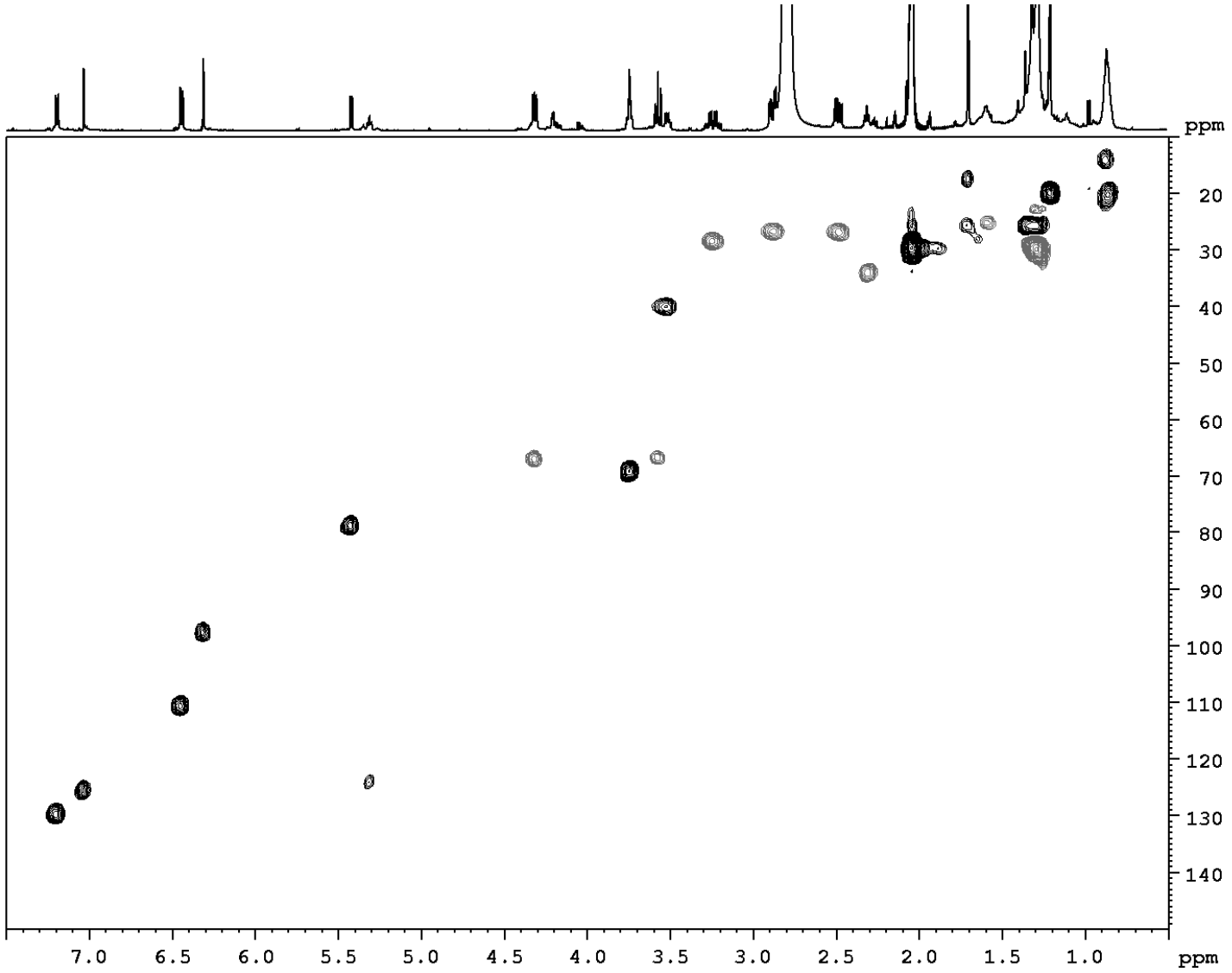


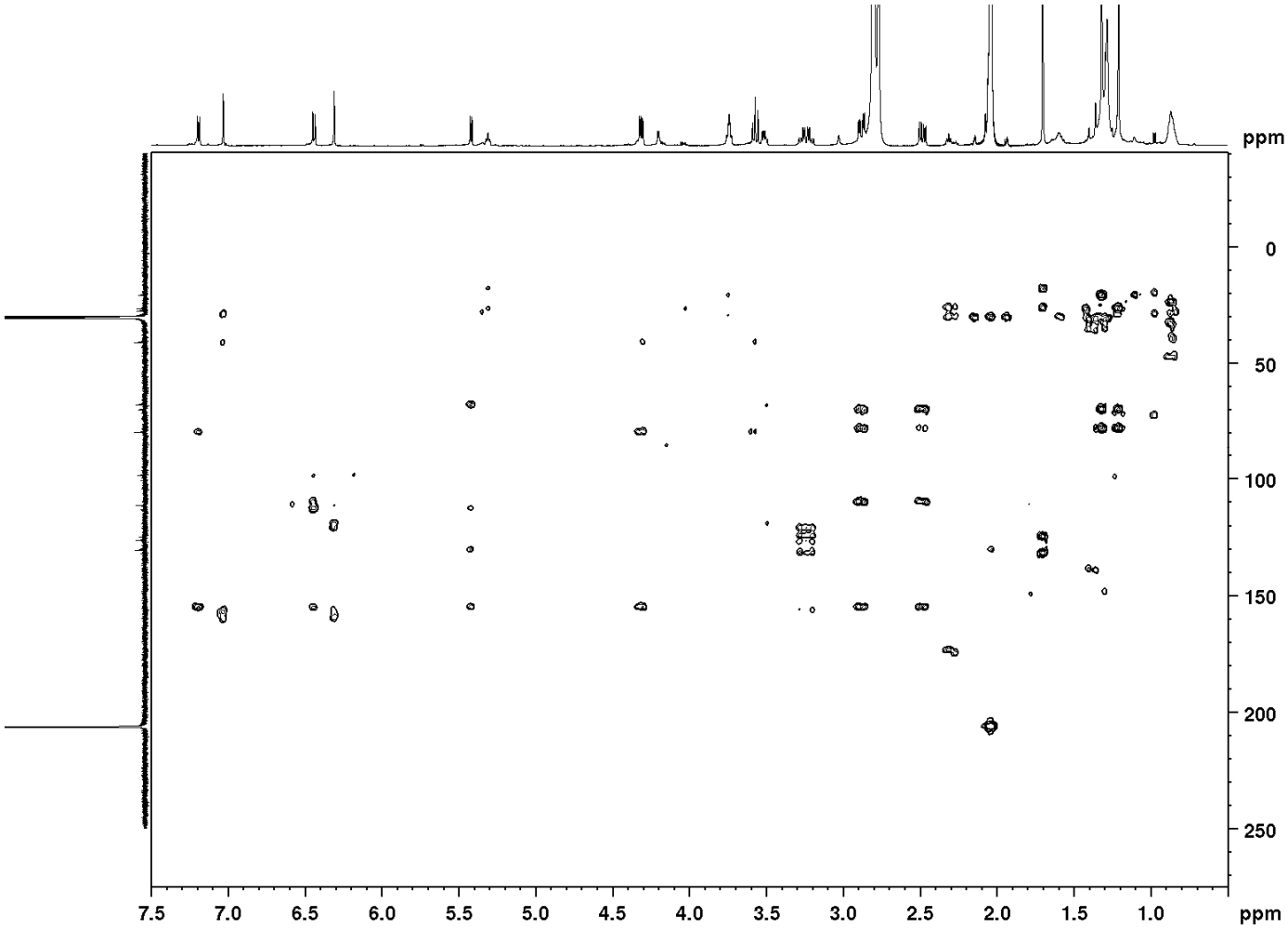
^{1}H NMR spectrum of bituminarin A (**1**) (600 MHz, Acetone-*d*6)



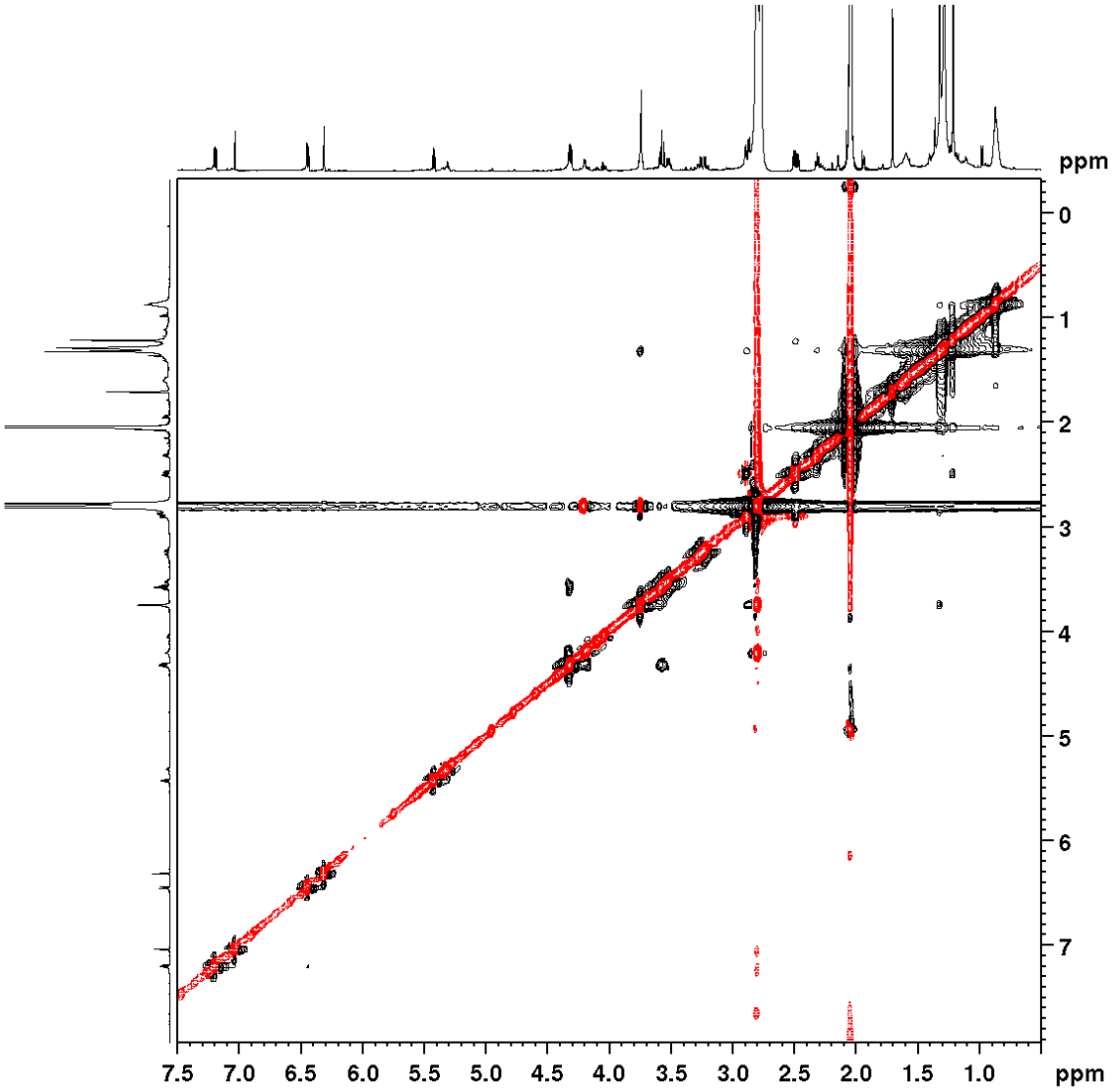
COSY spectrum of bituminarin A (**1**) (600 MHz, Acetone-*d*6)



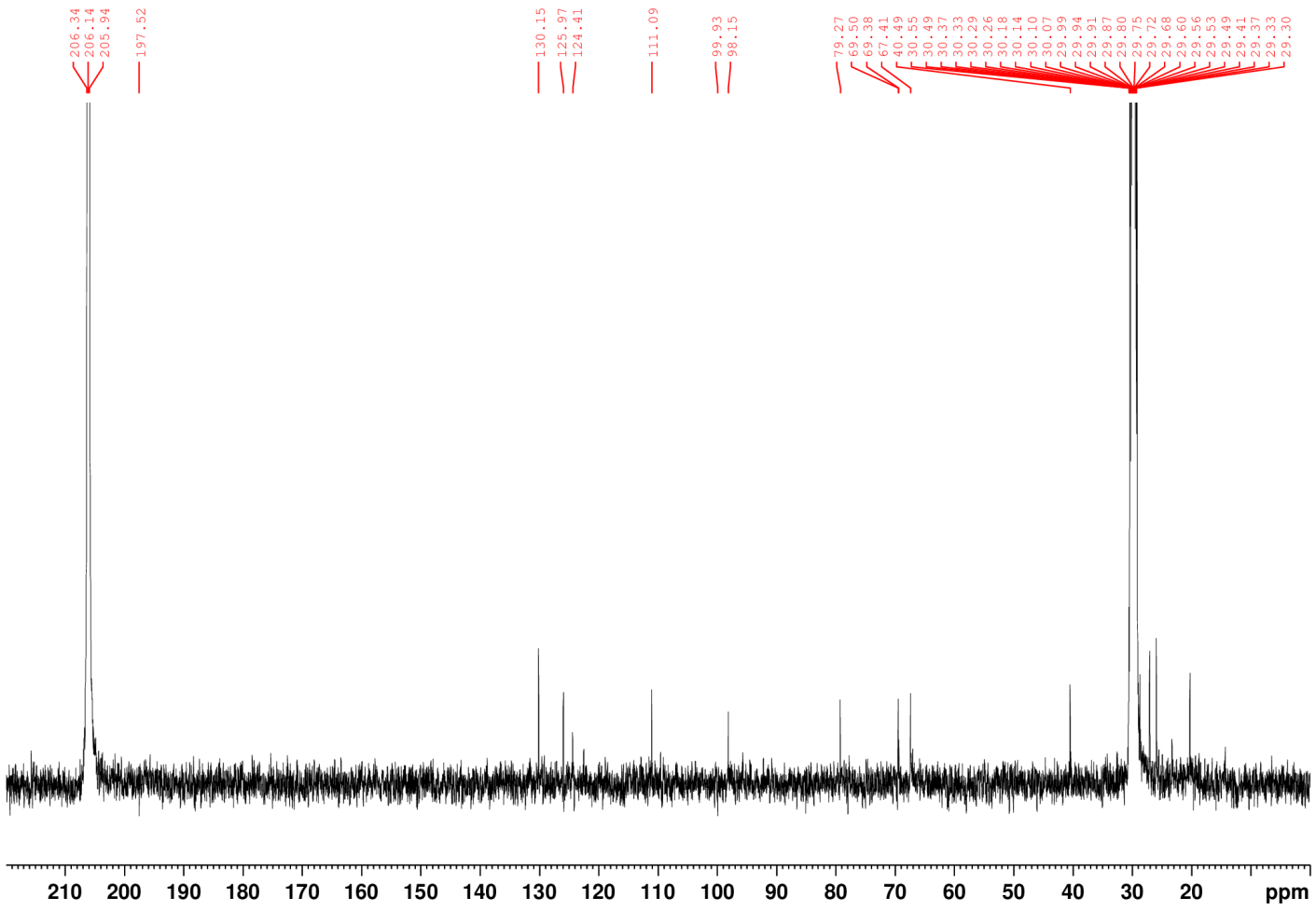
ed-HSQC spectrum of bituminarin A (**1**) (600 MHz, Acetone-*d*6)



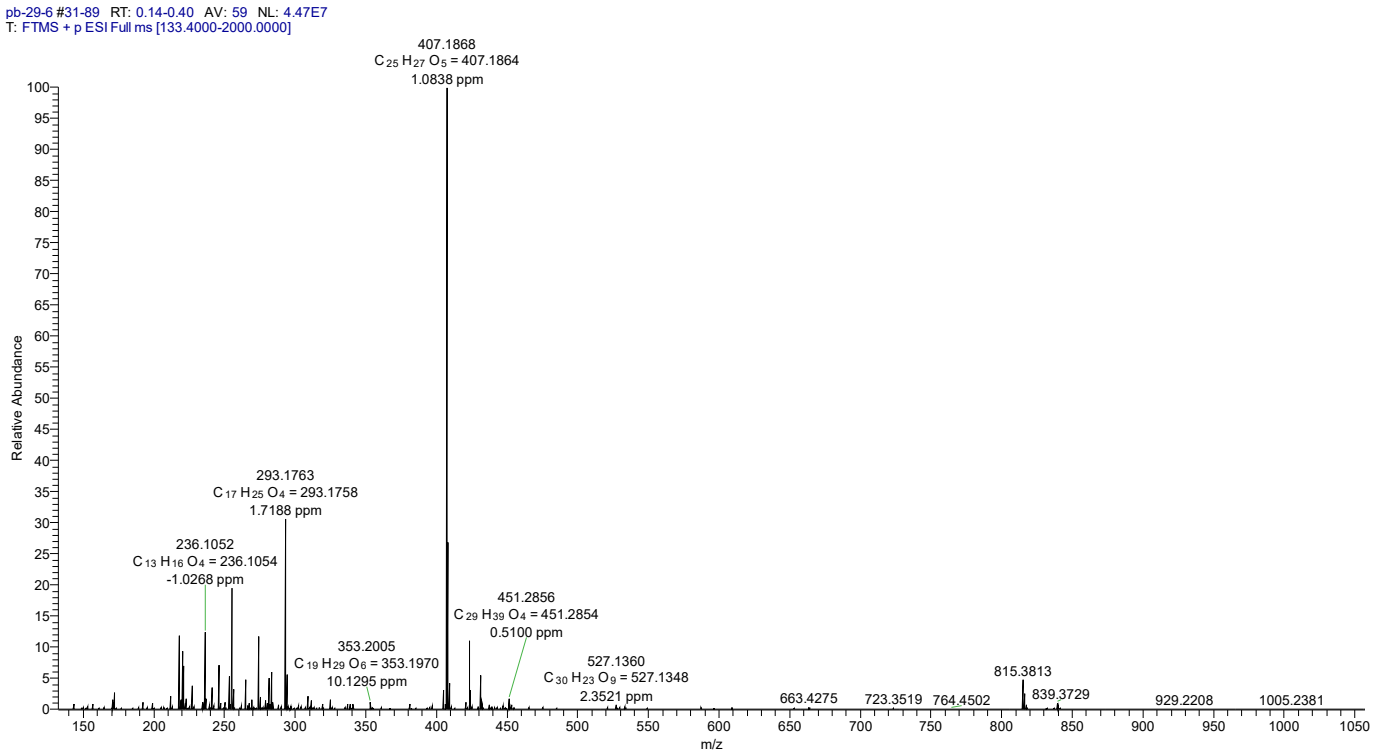
HMBC spectrum of bituminarin A (**1**) (600 MHz, Acetone-*d*6)



NOESY spectrum of bituminarin A (**1**) (600 MHz, Acetone-*d*6)

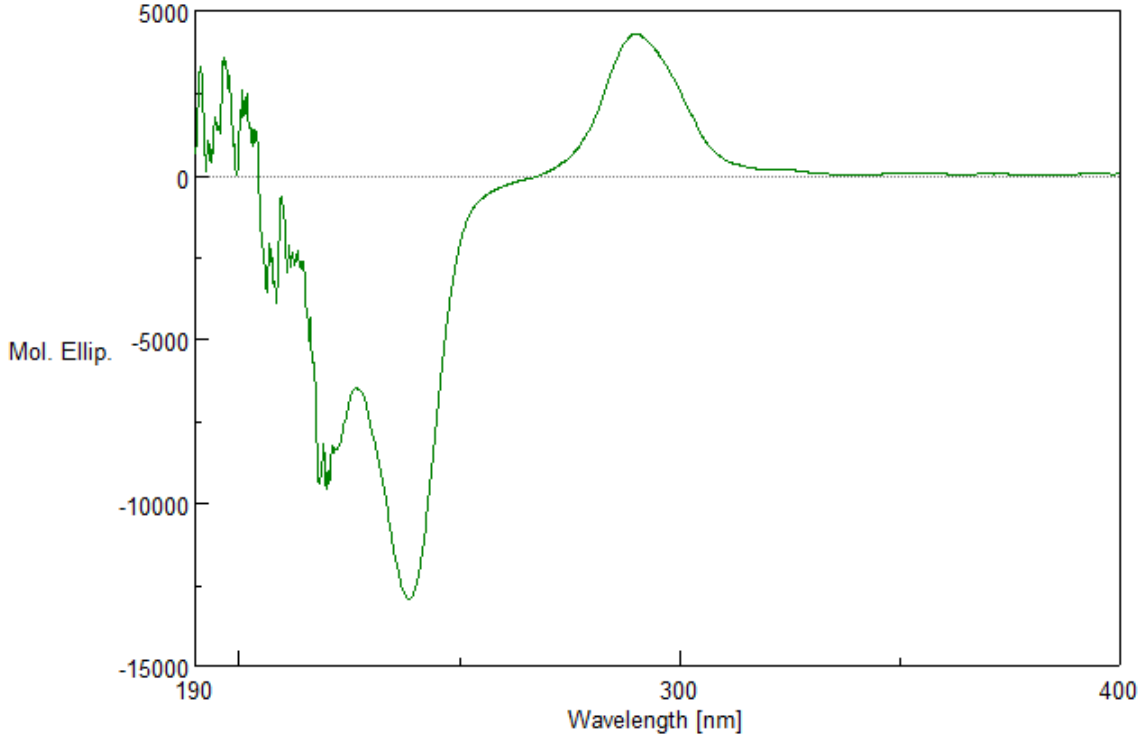


^{13}C NMR spectrum of bituminarin A (**1**) (150 MHz, Acetone-*d*6)

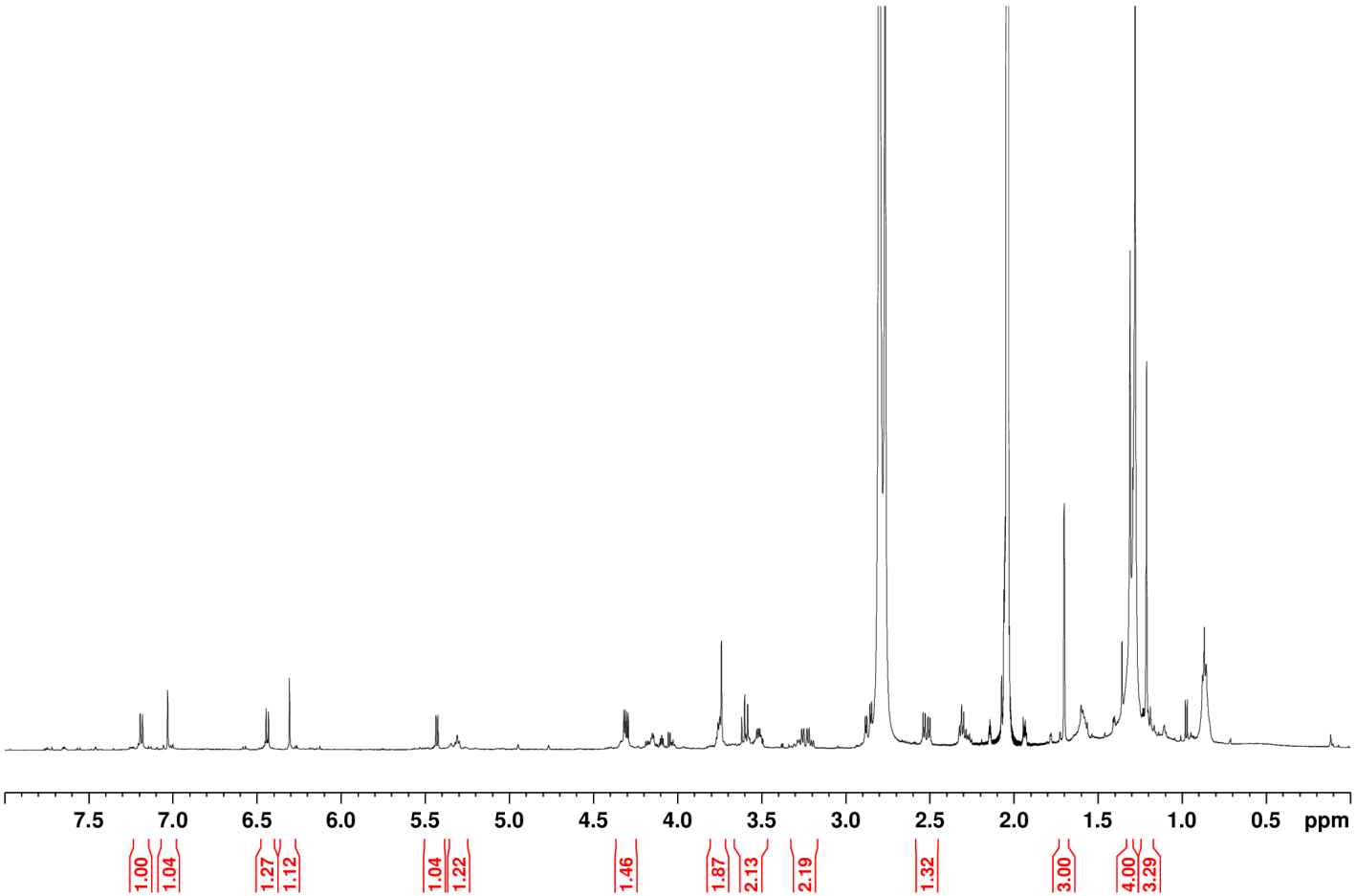


HR ESIMS spectrum of bituminarin A (**1**)

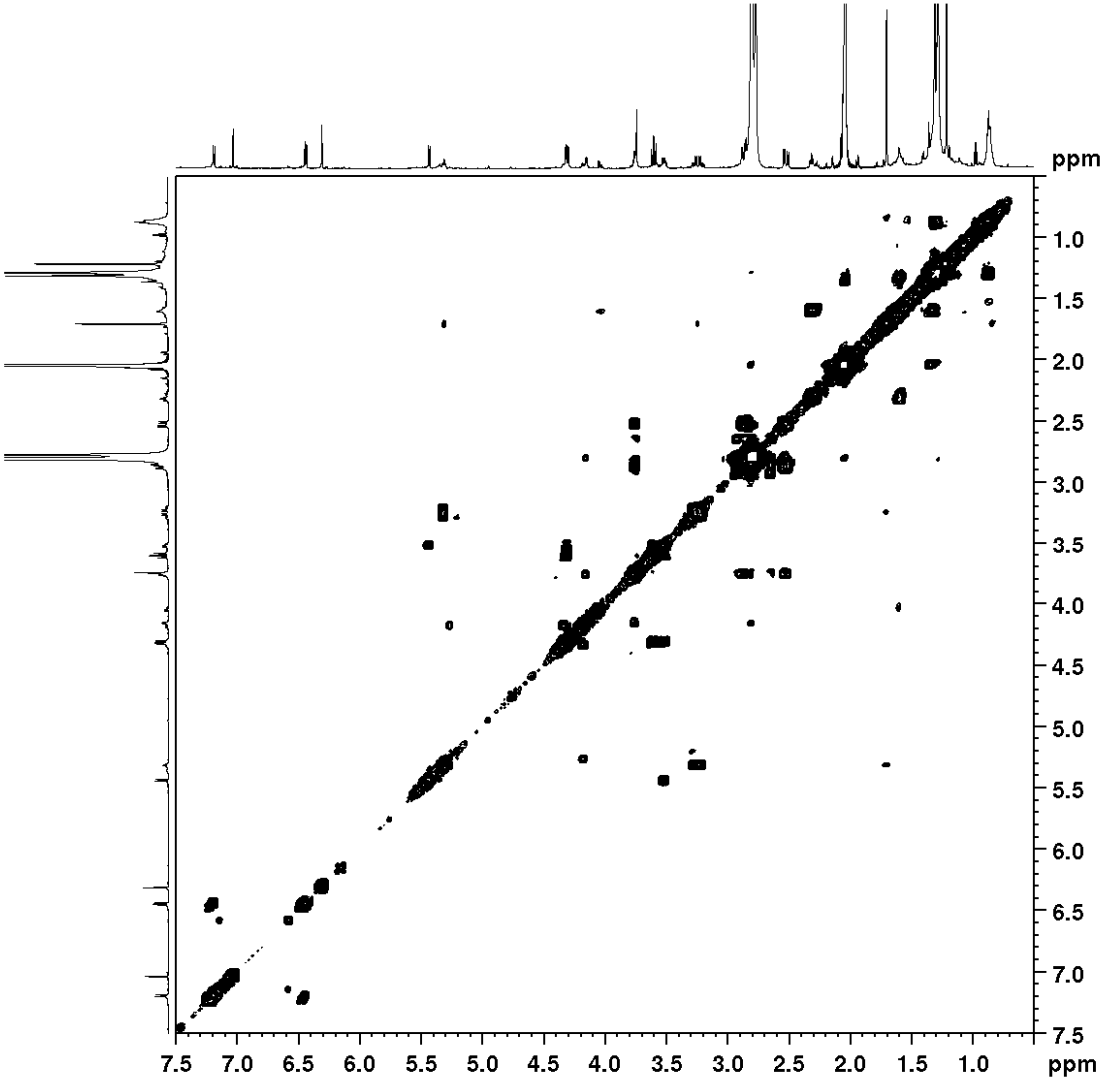
ECD curve of bituminarin A (**1**)



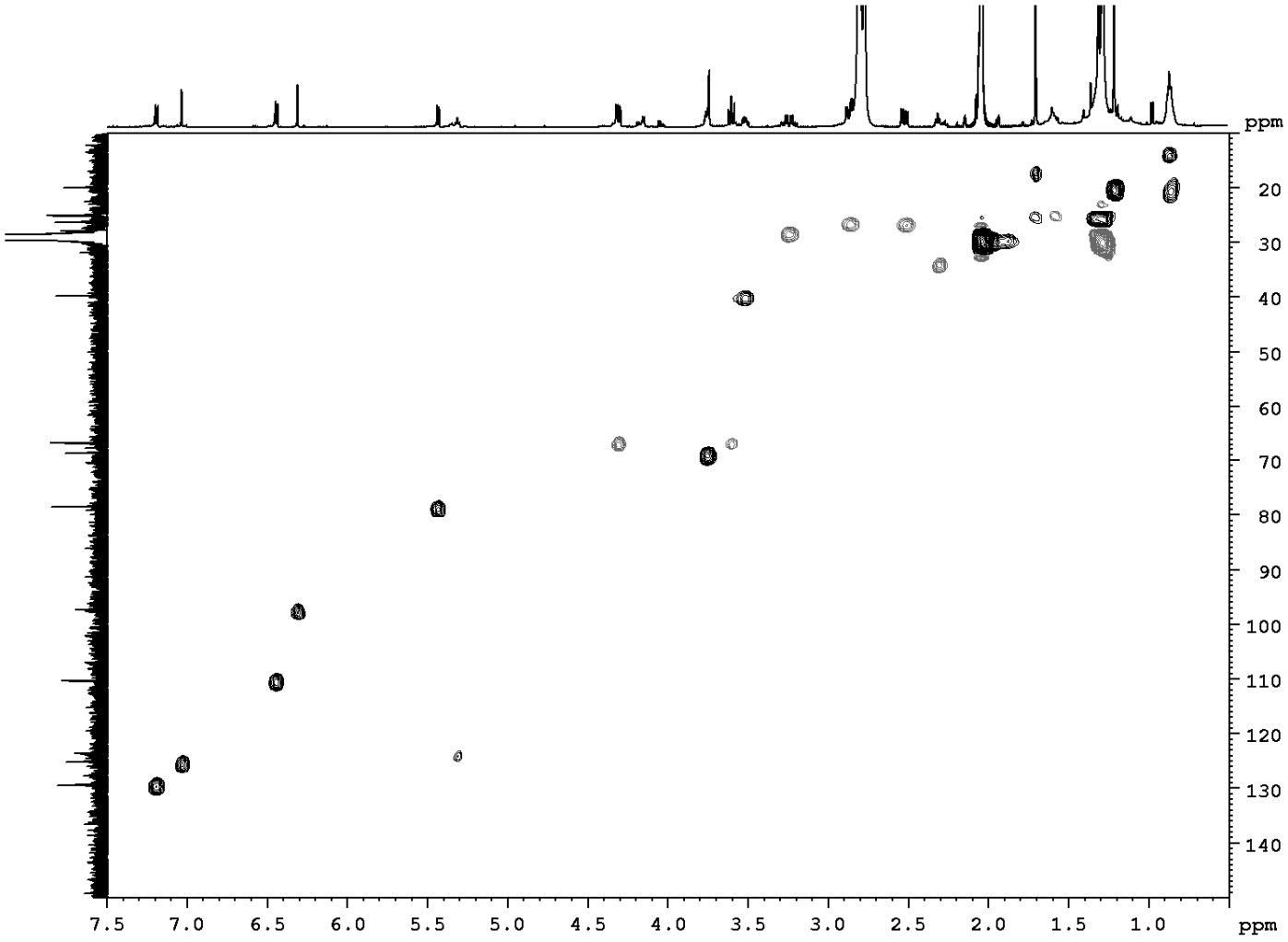
(CH_3OH)



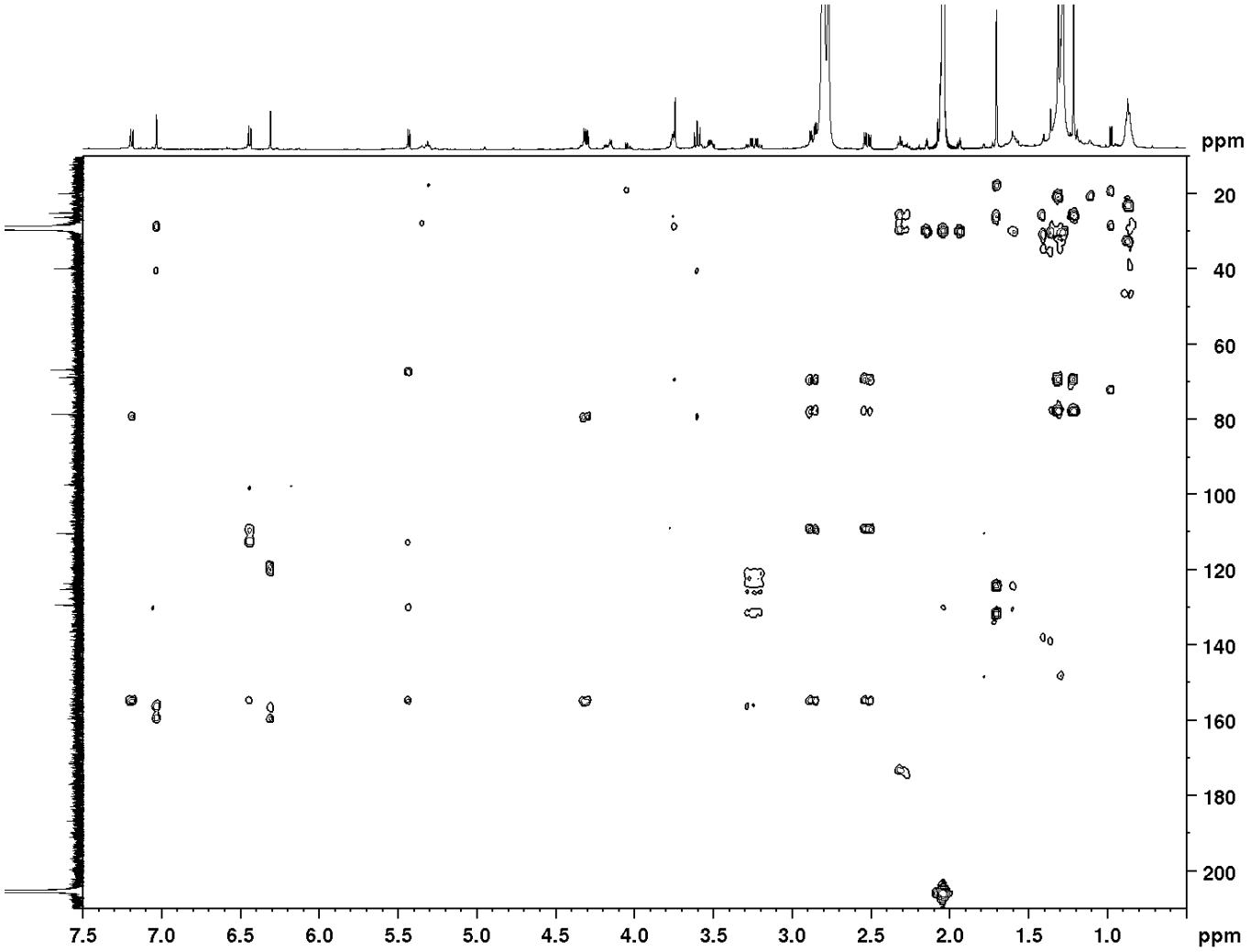
^{1}H NMR spectrum of bituminarin B (**2**) (600 MHz, Acetone-*d*6)



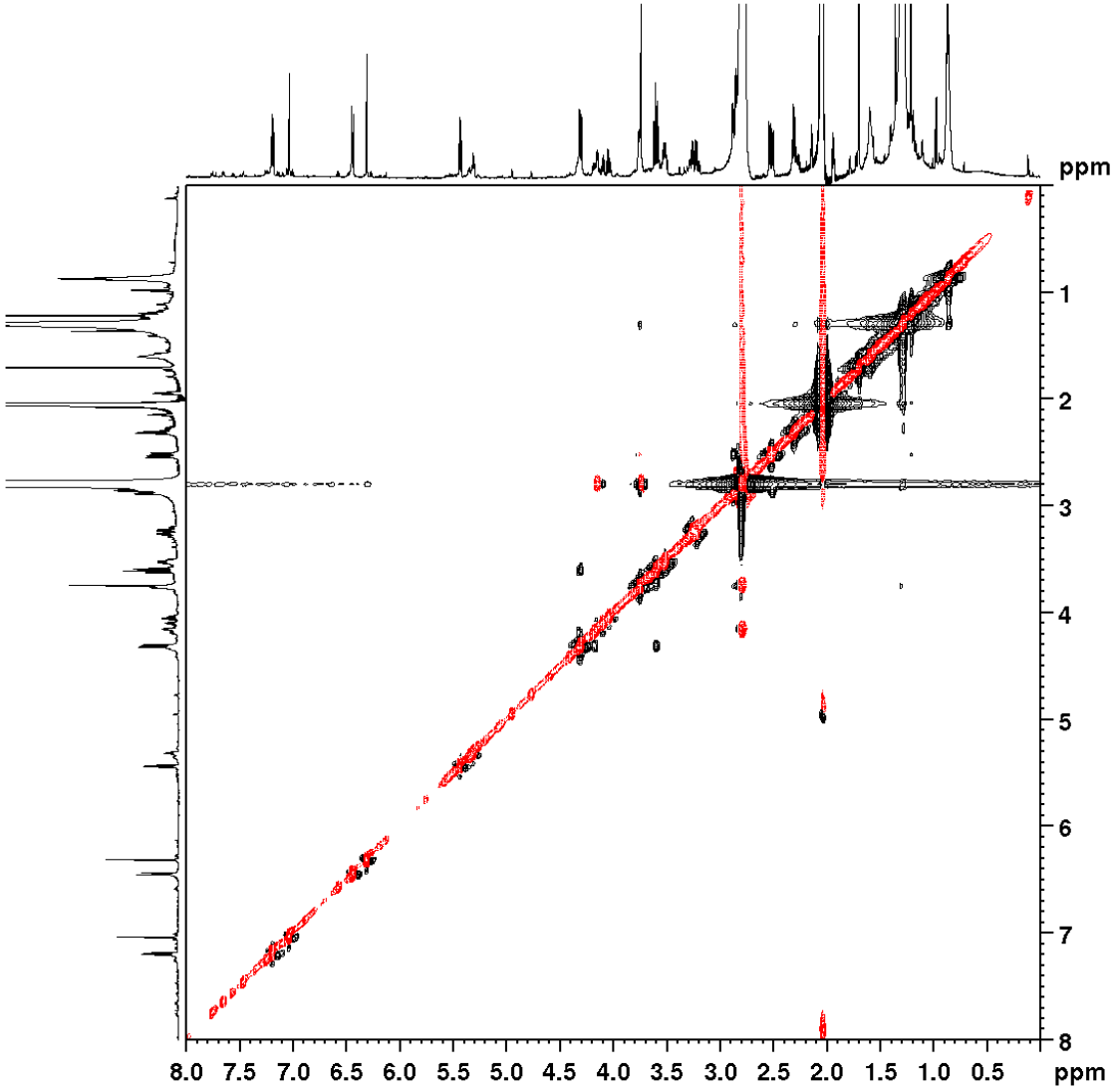
COSY spectrum of bituminarin B (**2**) (600 MHz, Acetone-*d*6)



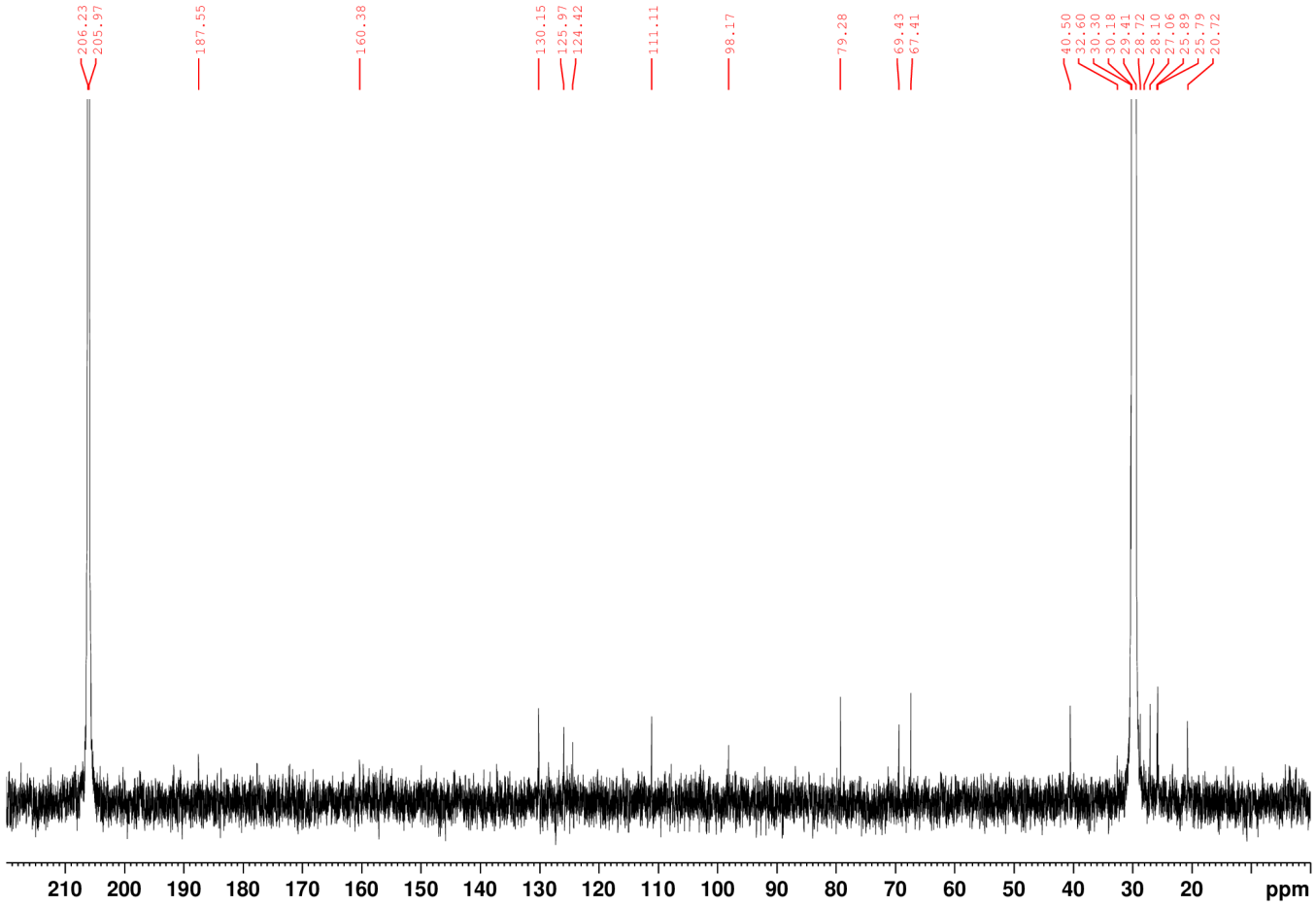
ed-HSQC spectrum of bituminarin B (**2**) (600 MHz, Acetone-*d*6)



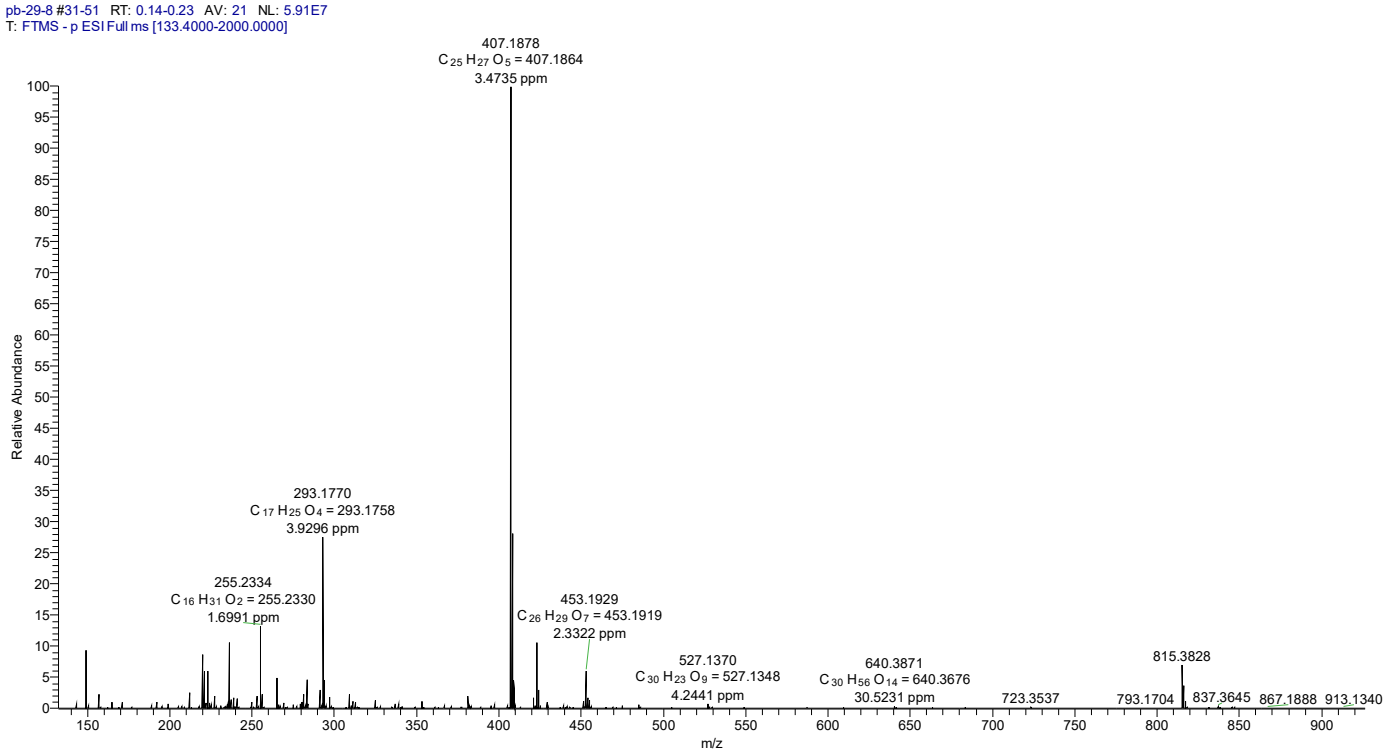
HMBC spectrum of bituminarin B (**2**) (600 MHz, Acetone-*d*6)



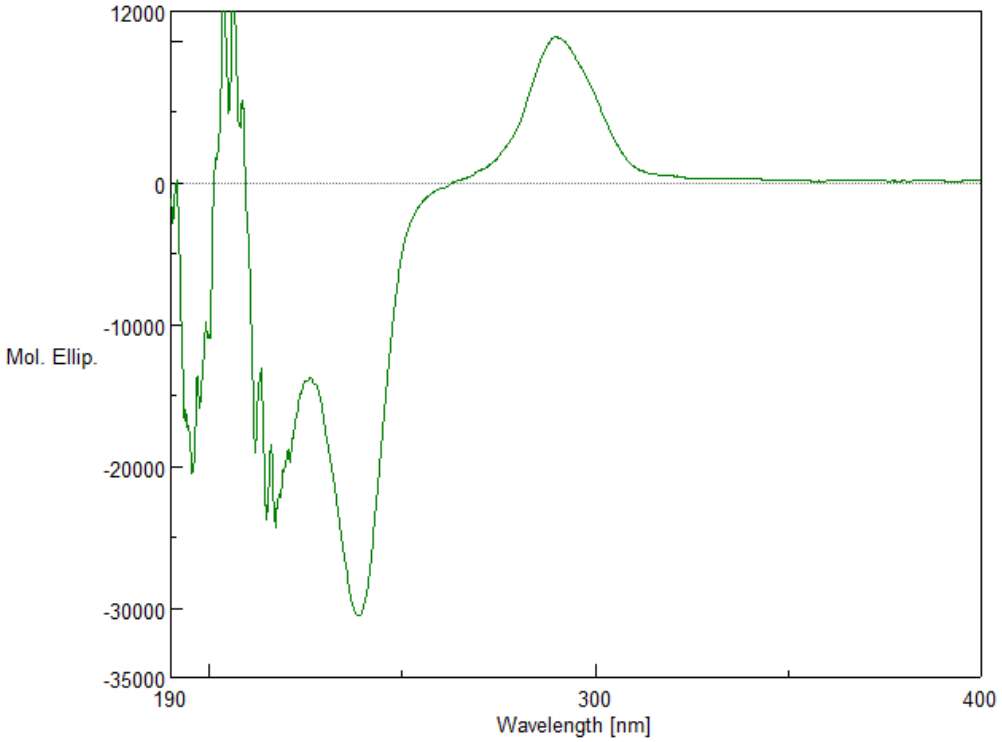
NOESY spectrum of bituminarin B (**2**) (600 MHz, Acetone-*d*6)



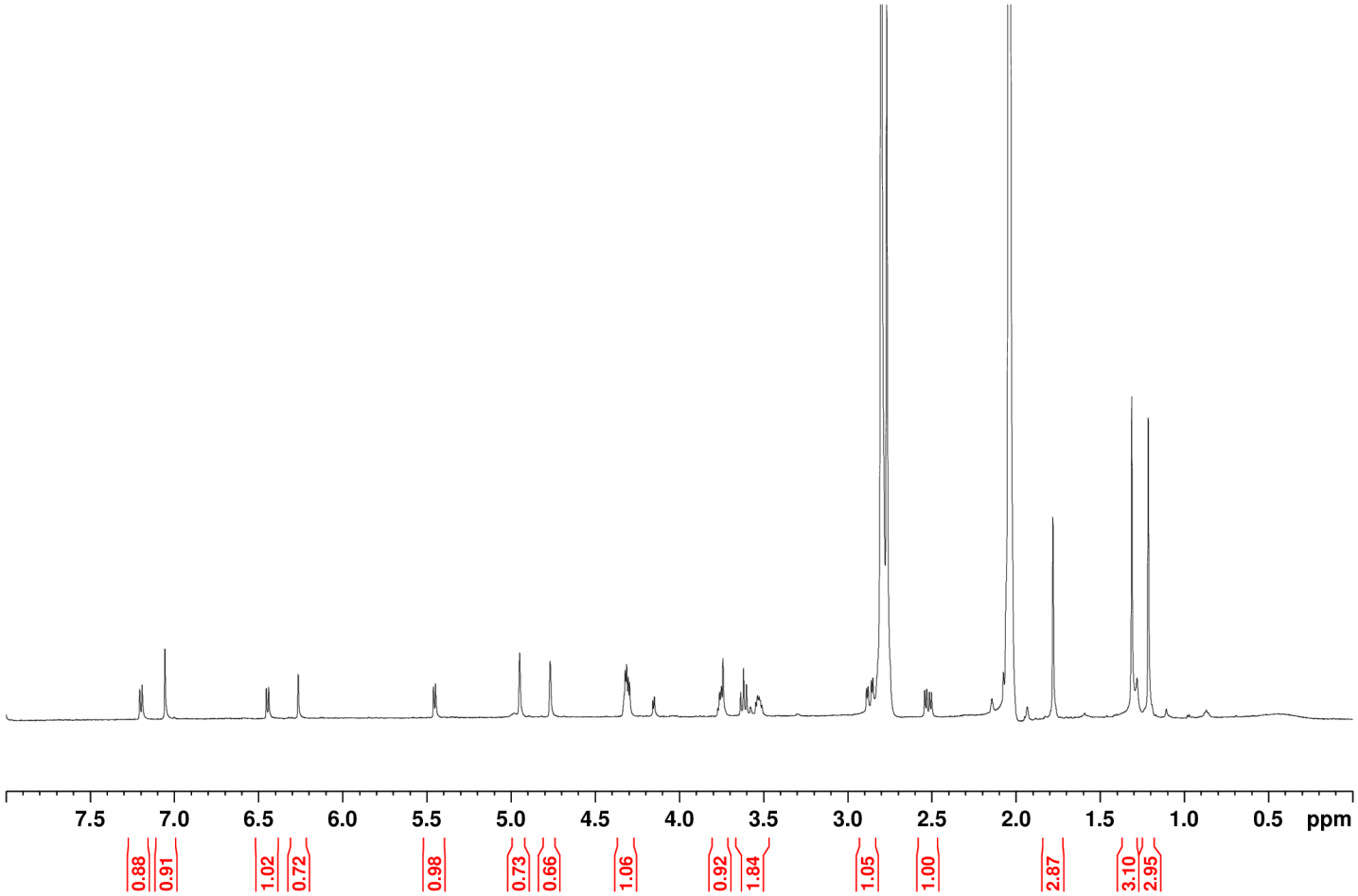
^{13}C NMR spectrum of bituminarin B (**2**) (150 MHz, Acetone-*d*6)



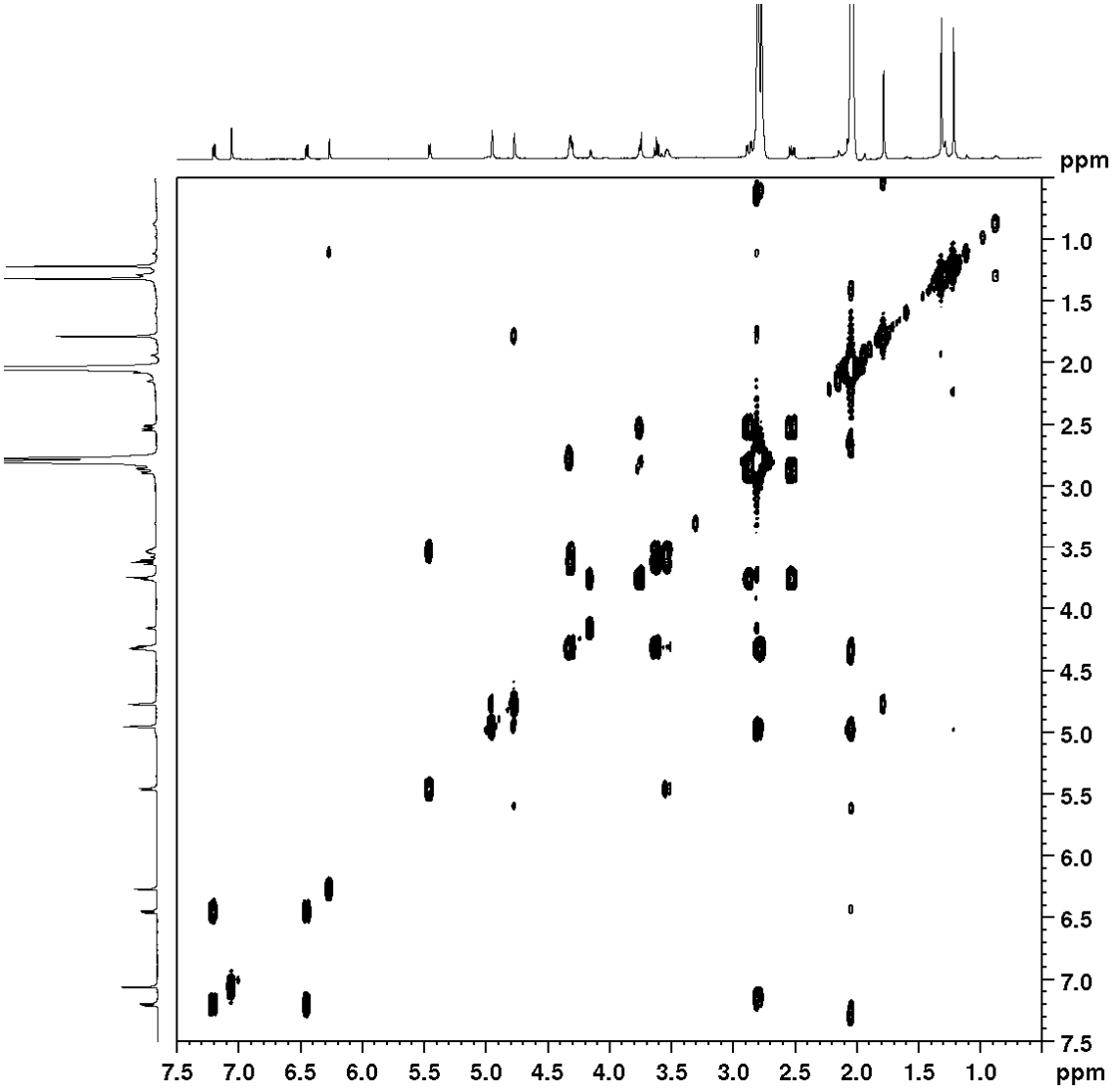
HR ESIMS spectrum of bituminarin B (**2**)



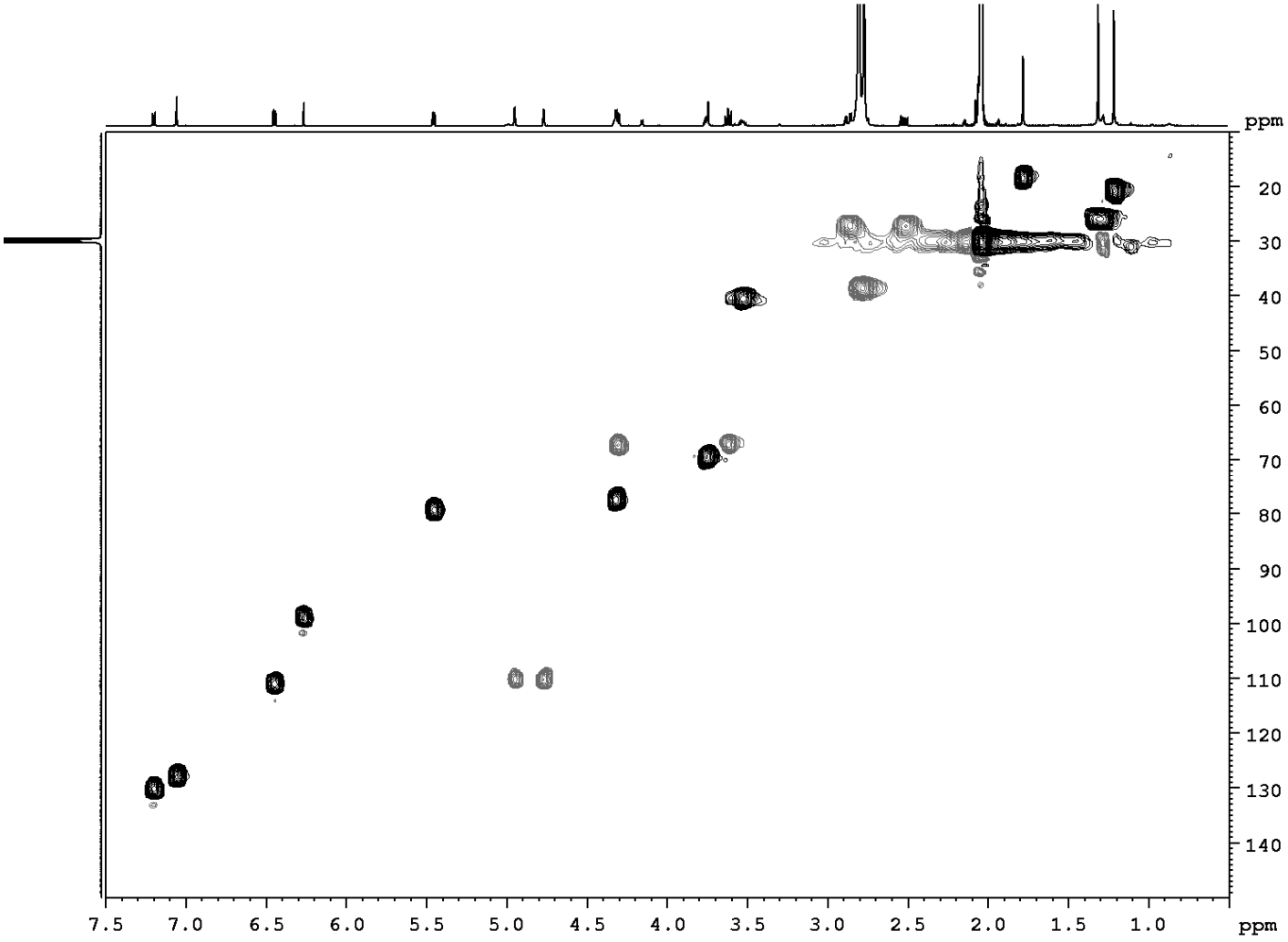
ECD curve of bituminarin B (**2**) (CH_3OH)



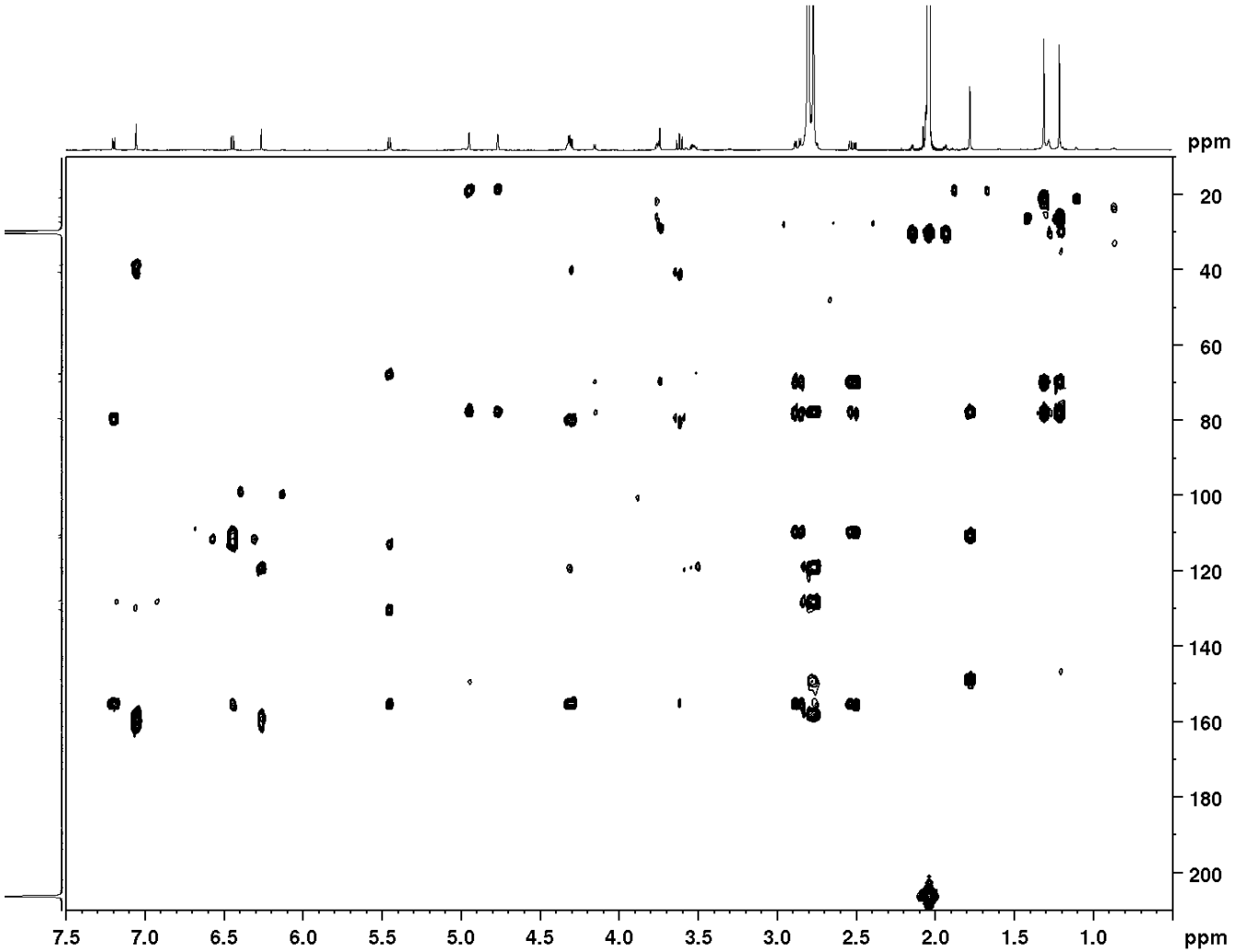
^{1}H NMR spectrum of bituminarin C (**3**) (600 MHz, Acetone-*d*6)



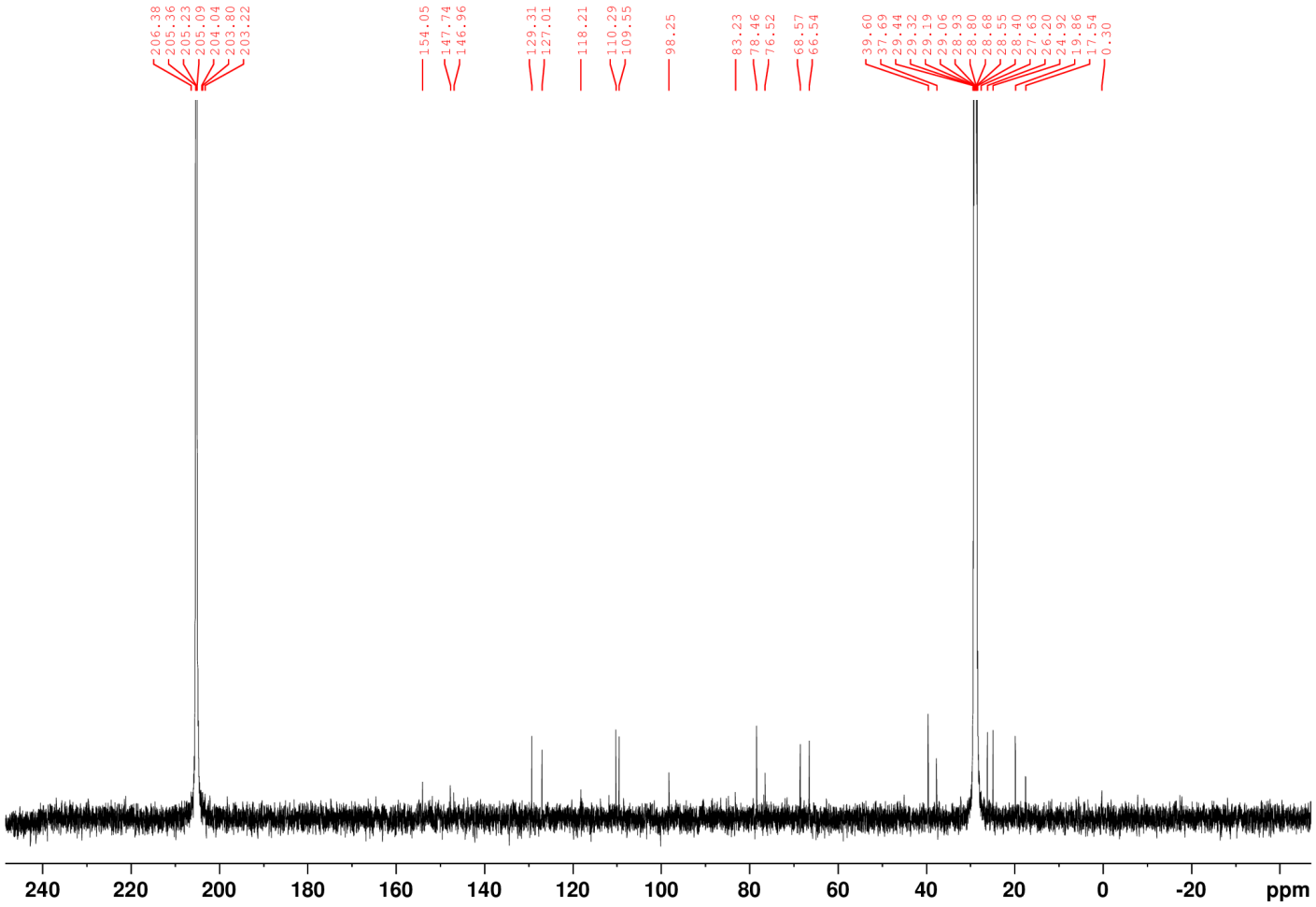
COSY spectrum of bituminarin C (**3**) (600 MHz, Acetone-*d*6)



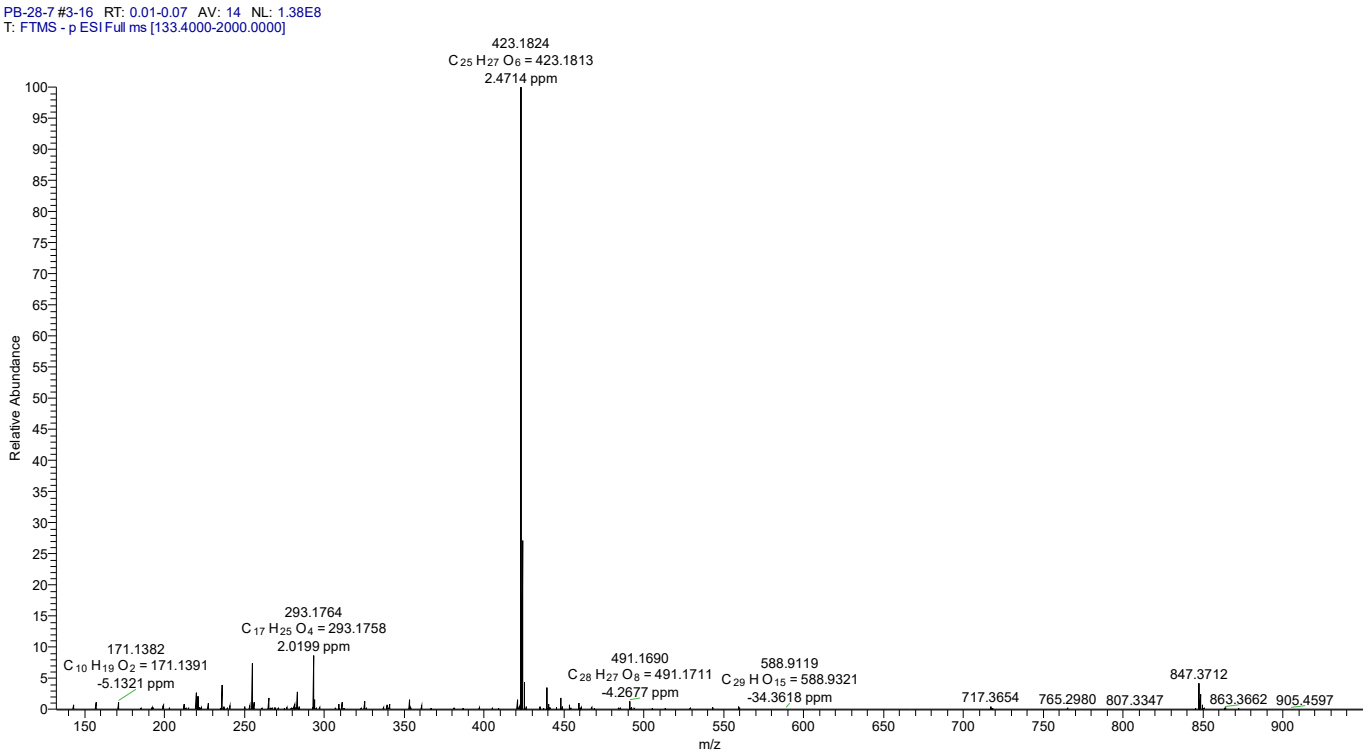
ed-HSQC spectrum of bituminarin C (**3**) (600 MHz, Acetone-*d*6)



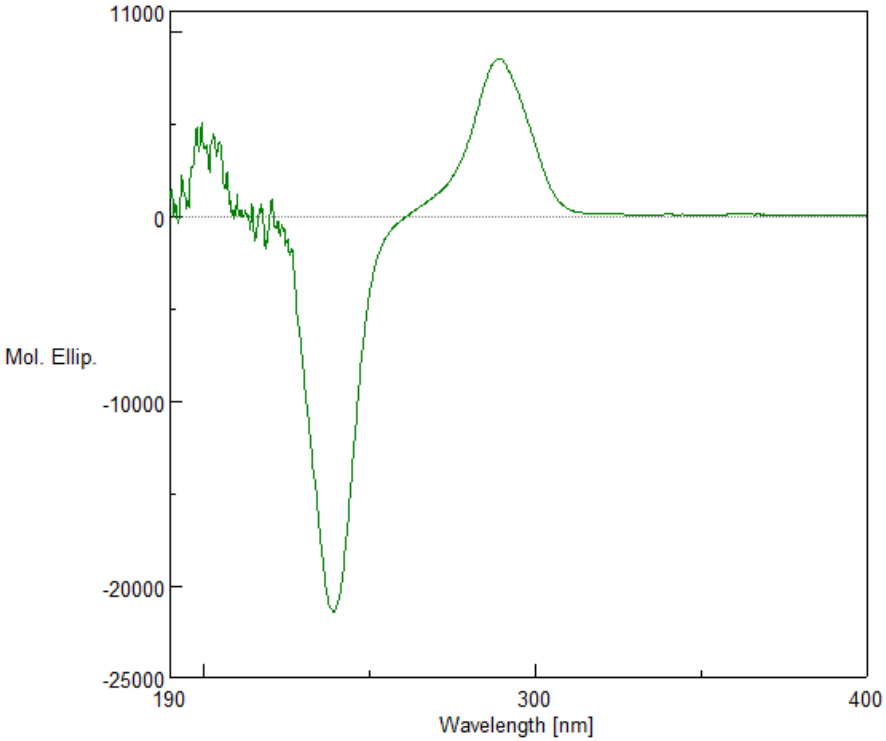
HMBC spectrum of bituminarin C (**3**) (600 MHz, Acetone-*d*6)



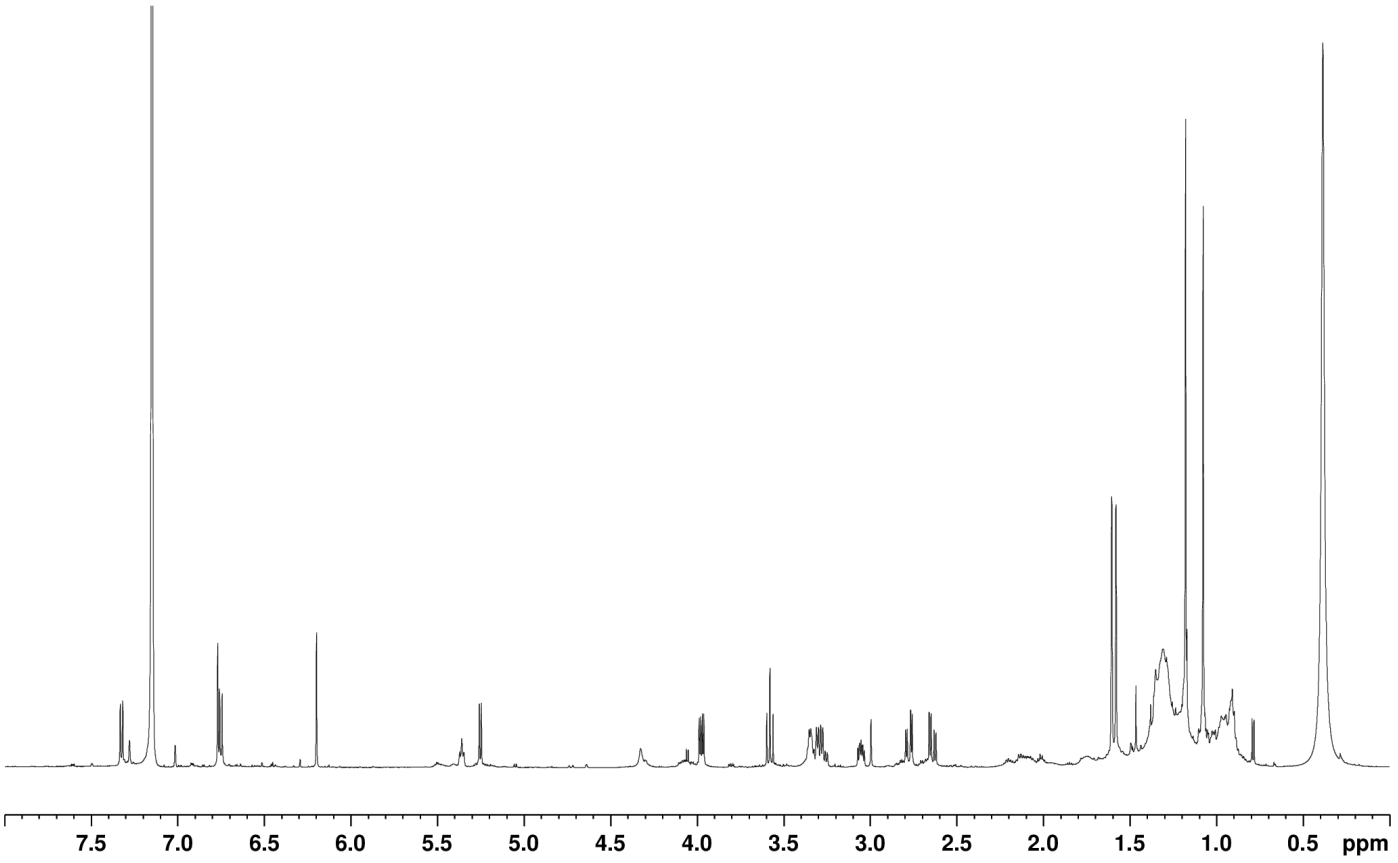
^{13}C NMR spectrum of bituminarin C (**3**) (150 MHz, Acetone-*d*6)



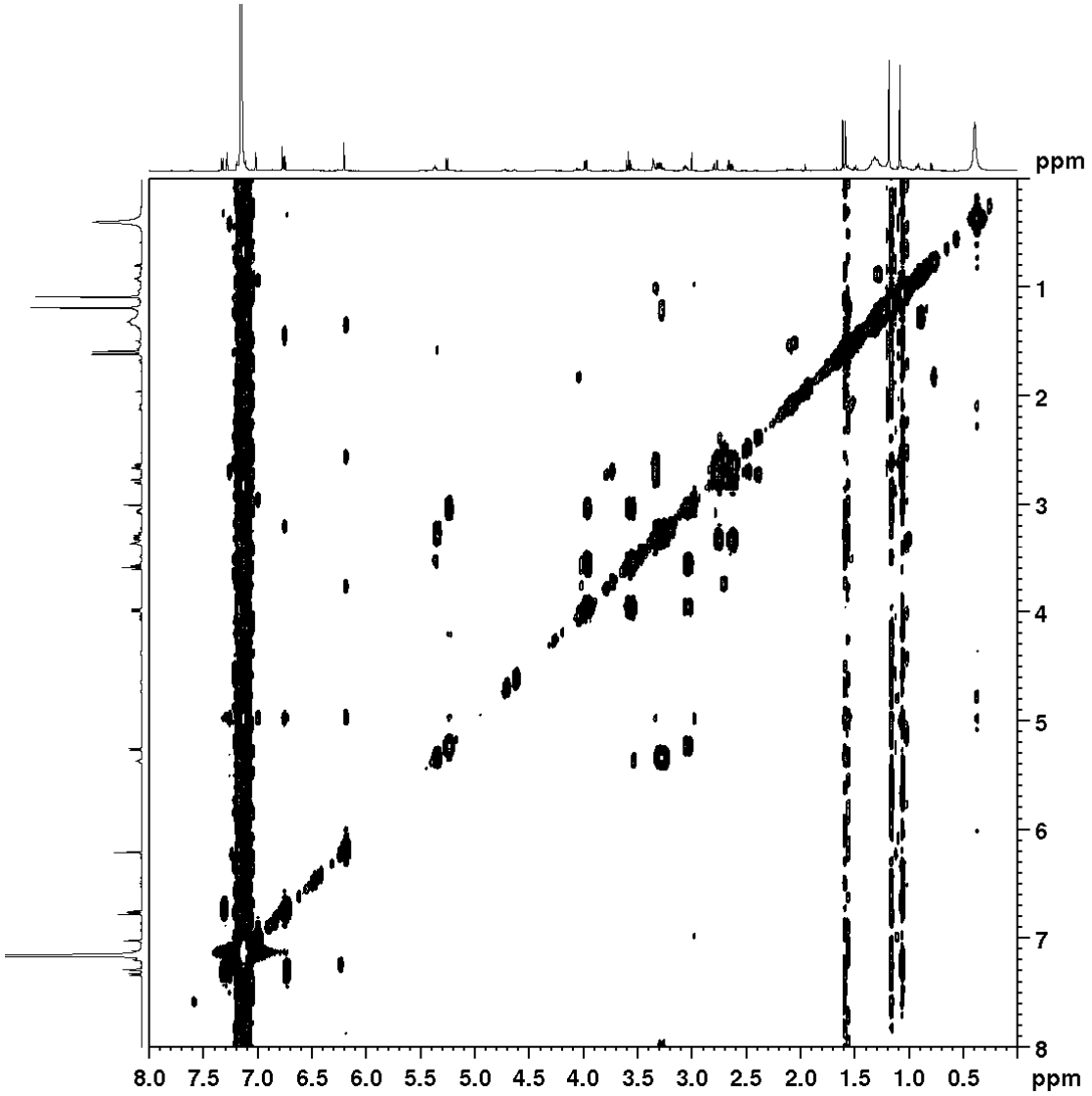
HR ESIMS spectrum of bituminarin C (**3**)



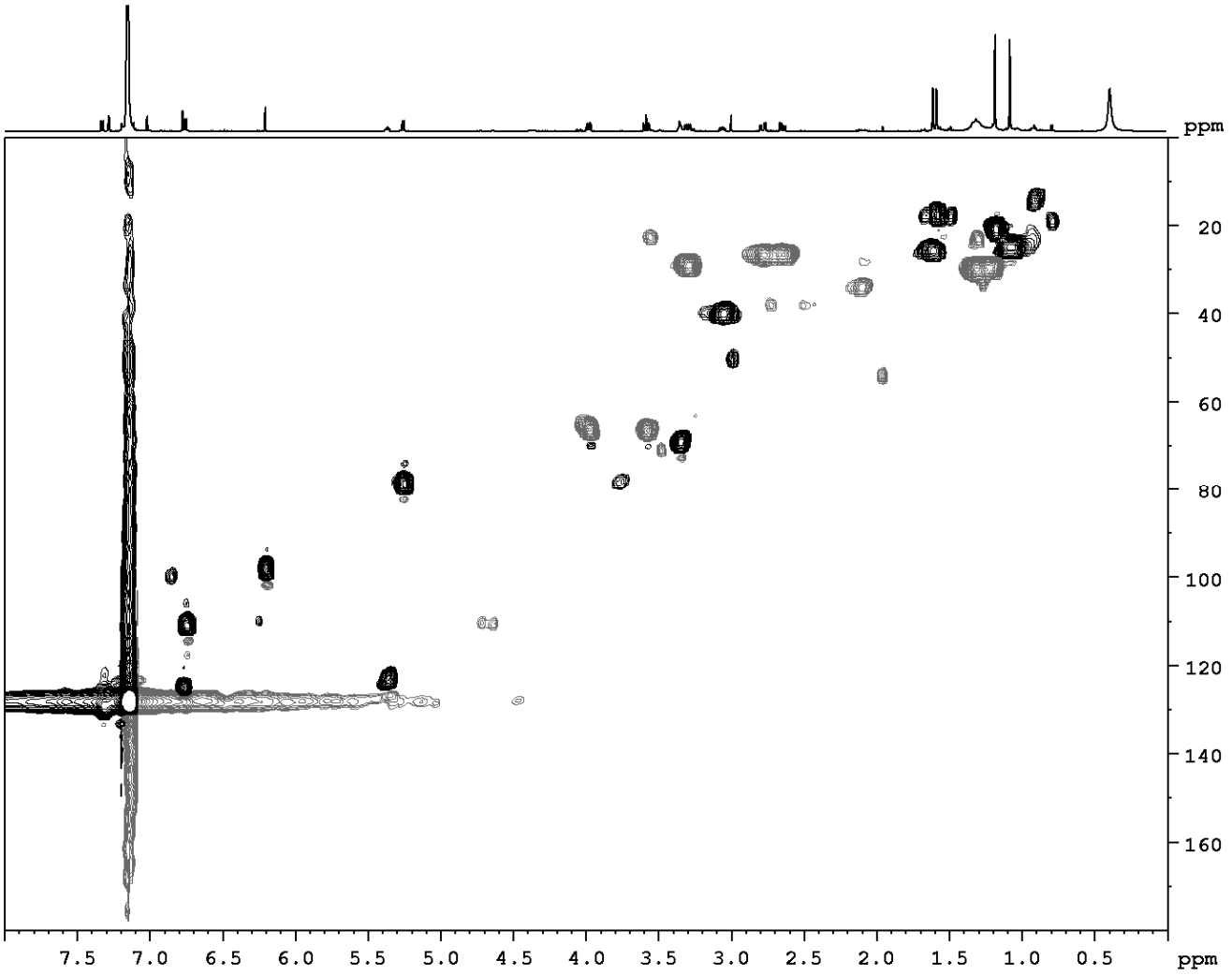
ECD curve of bituminarin C (**3**)



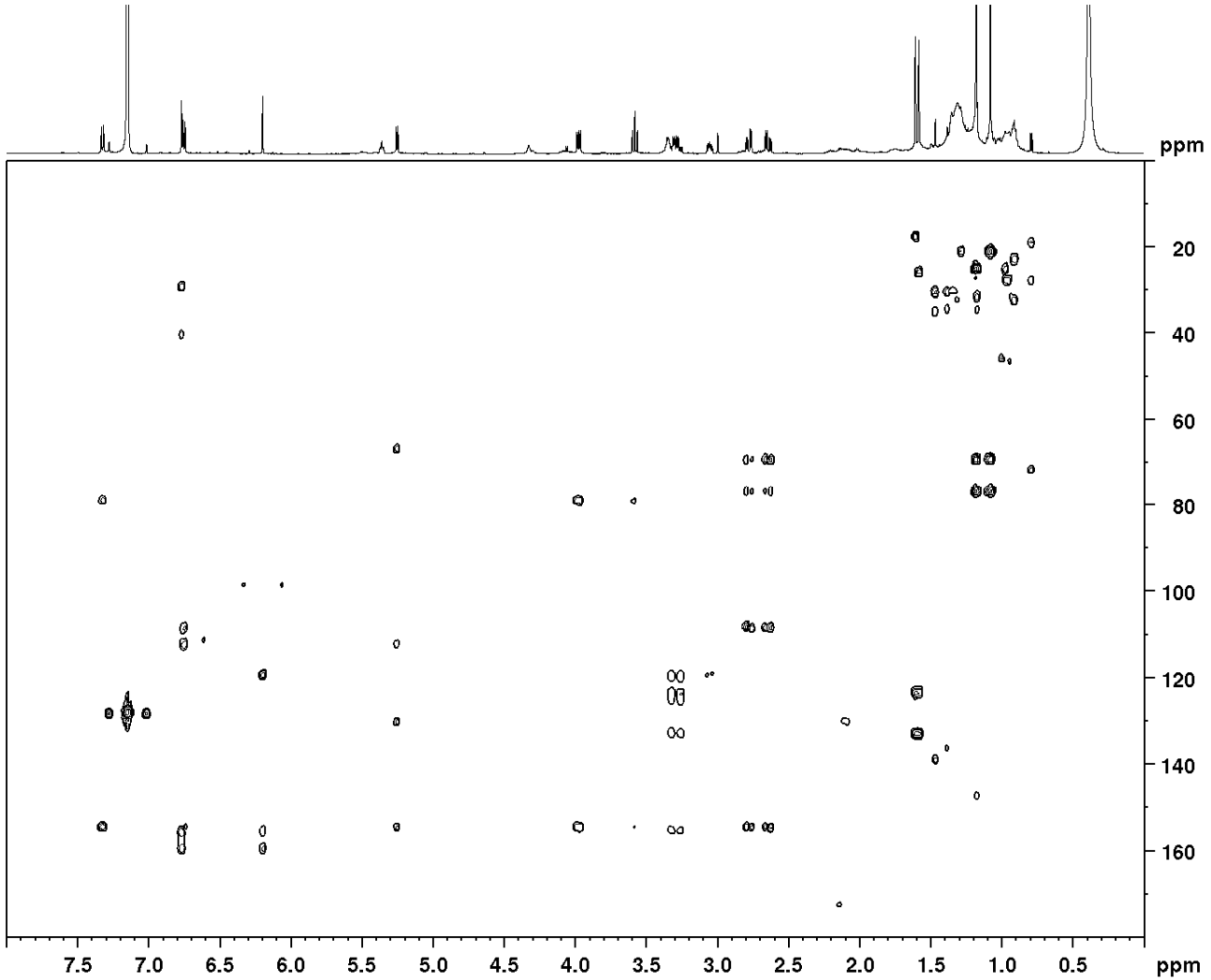
^{1}H NMR spectrum of bituminarin A (**1**) (600 MHz, C_6D_6)



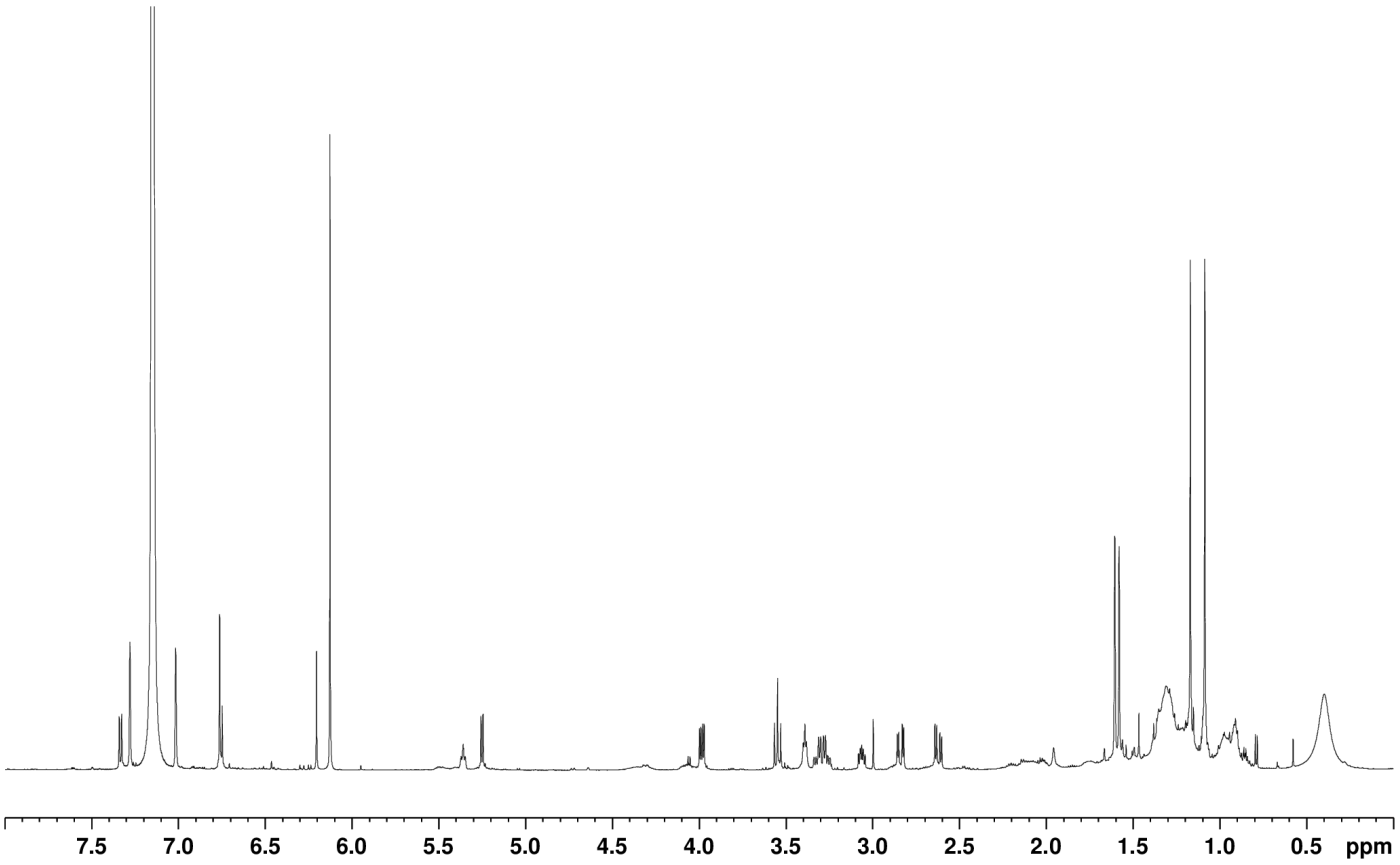
COSY spectrum of bituminarin A (**1**) (600 MHz, C_6D_6)



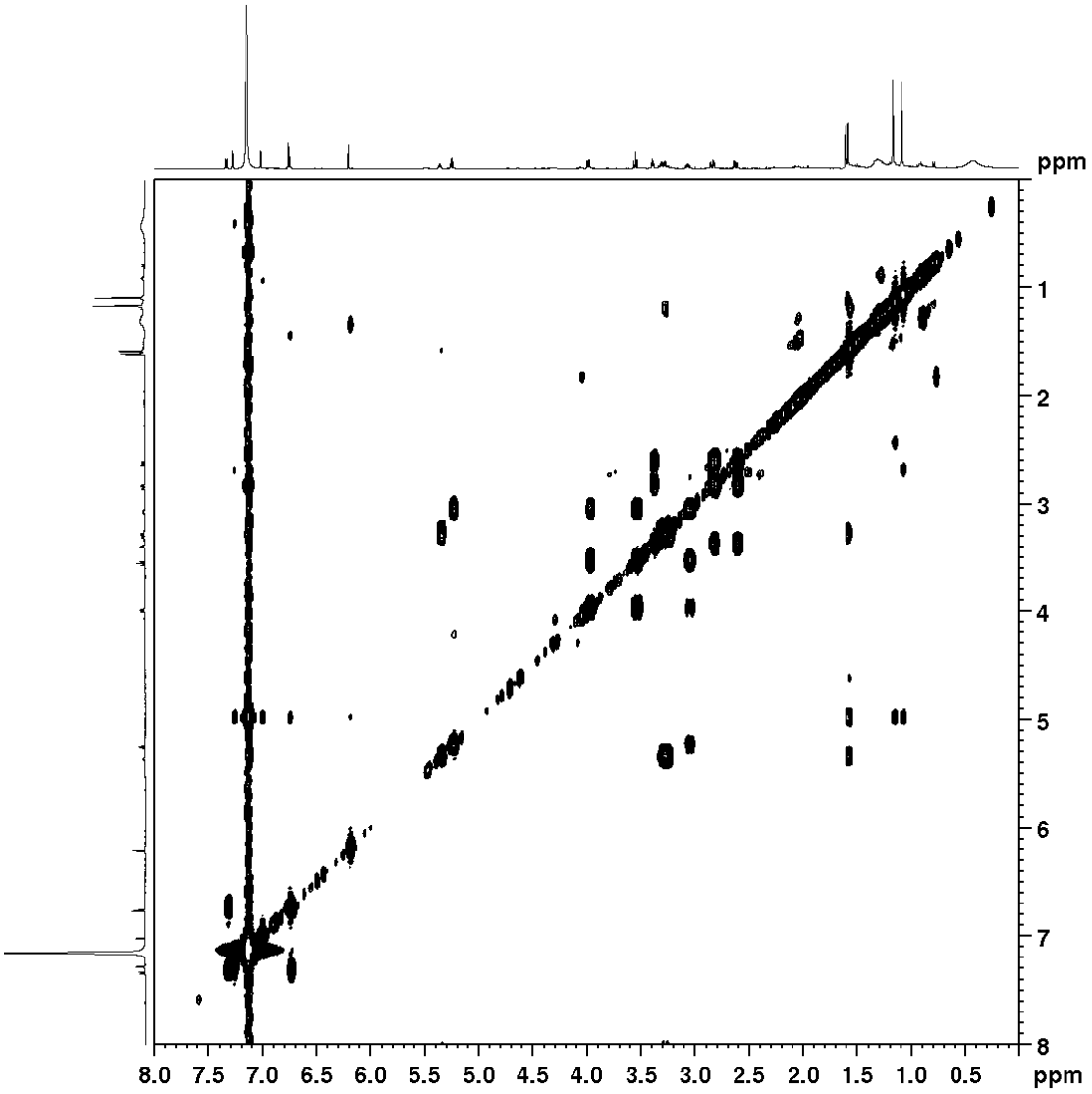
ed-HSQC spectrum of bituminarin A (**1**) (600 MHz, C_6D_6)



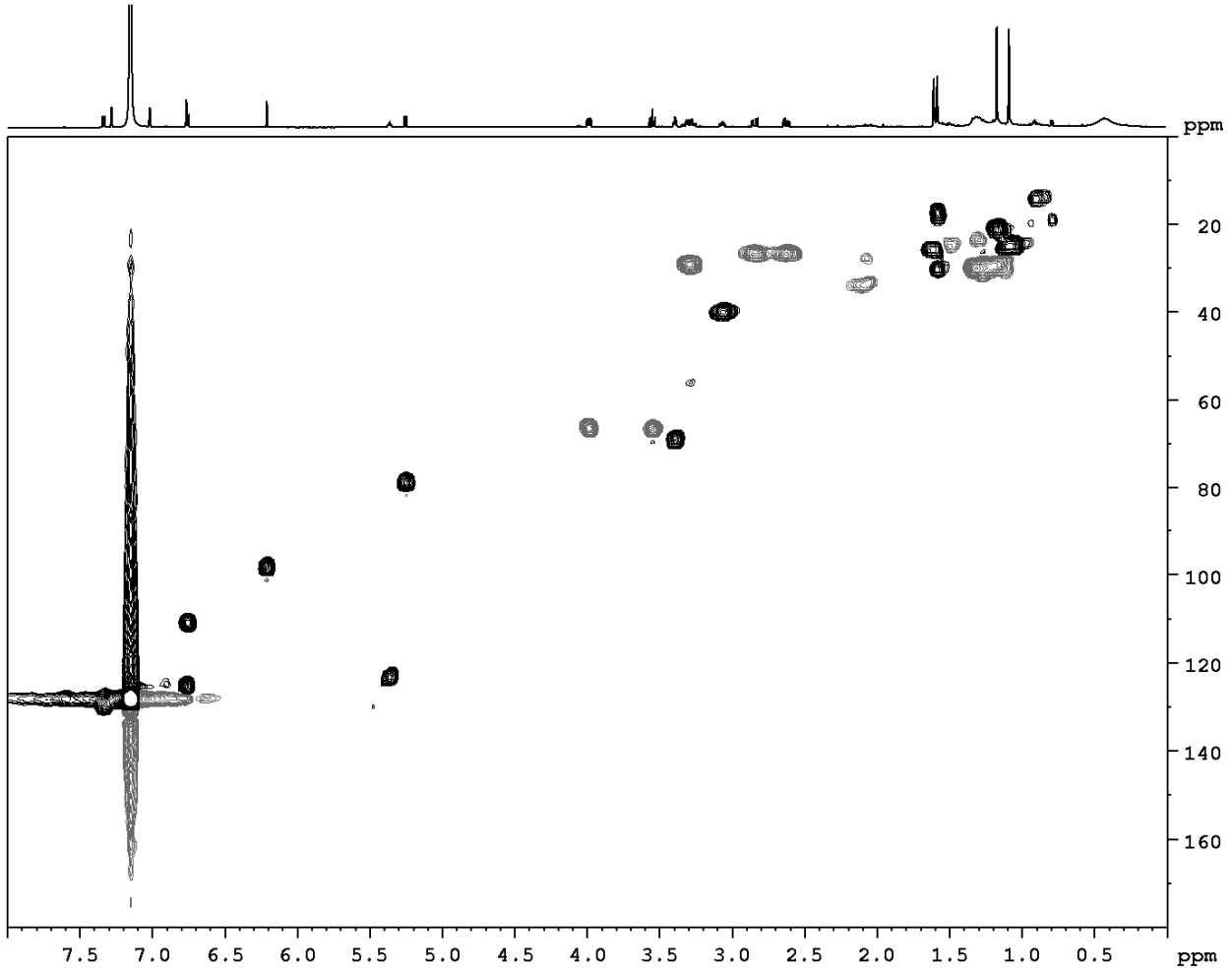
HMBC spectrum of bituminarin A (**1**) (600 MHz, C_6D_6)



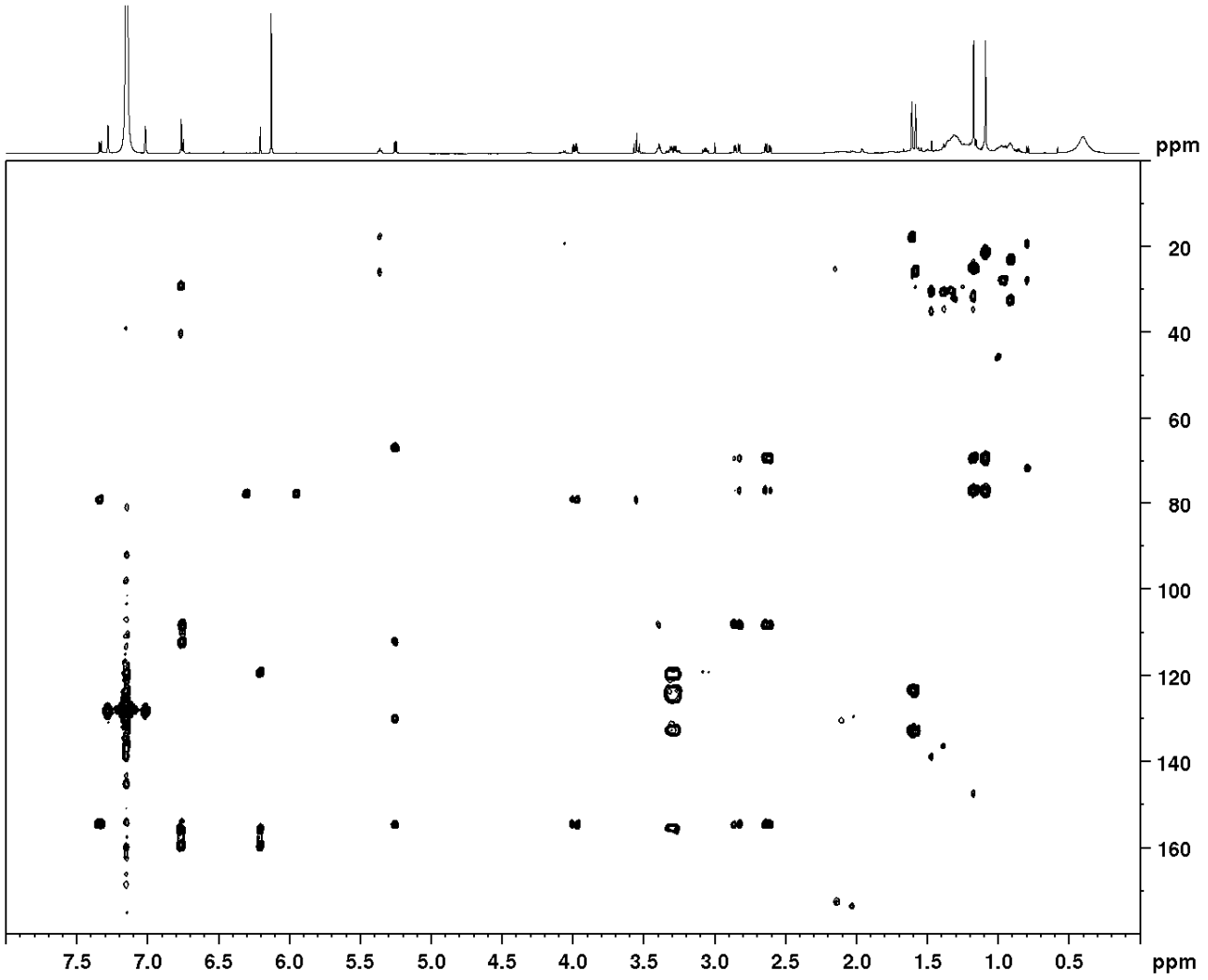
^{1}H NMR spectrum of bituminarin B (**2**) (600 MHz, C_6D_6)



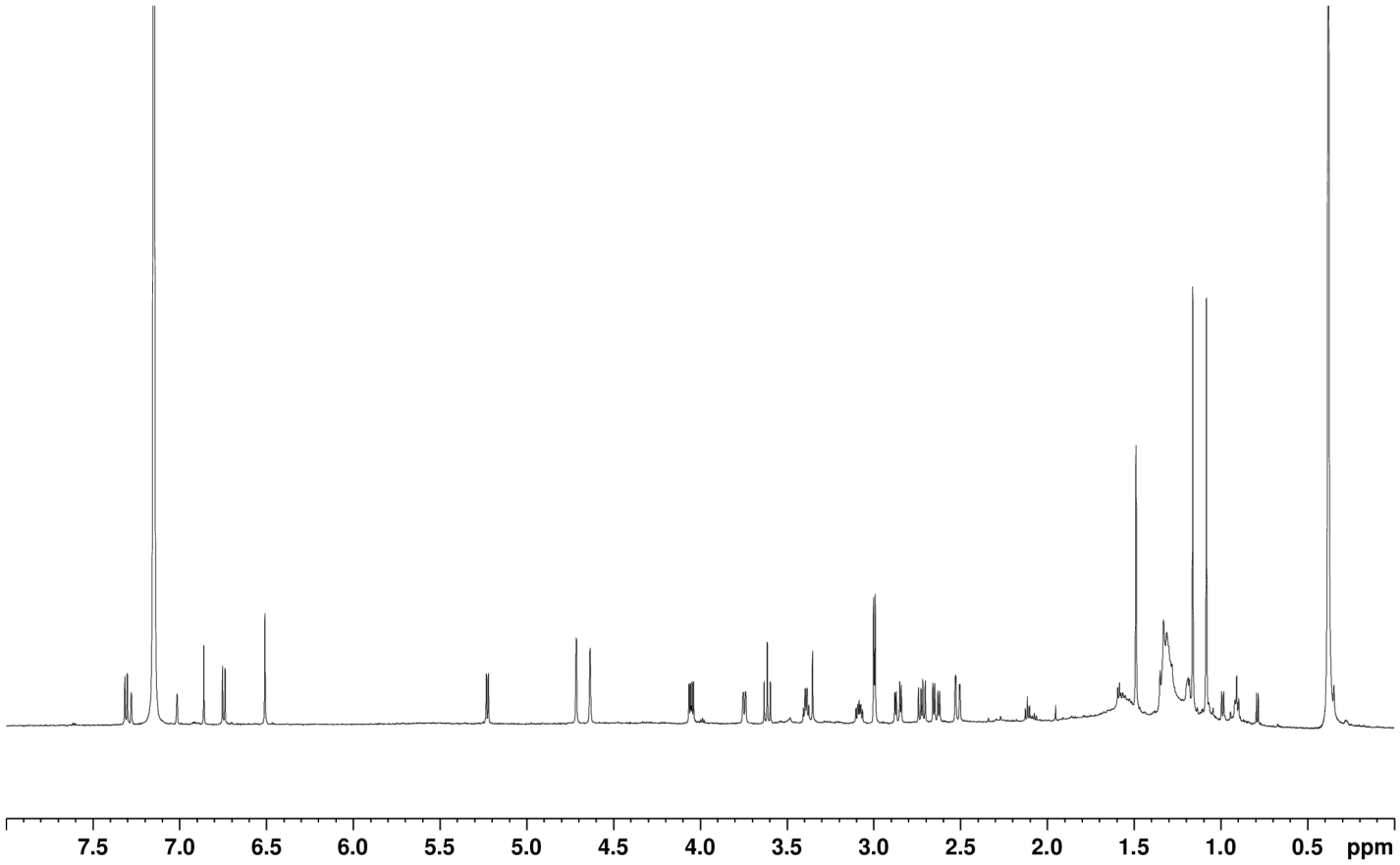
COSY spectrum of bituminarin B (**2**) (600 MHz, C_6D_6)



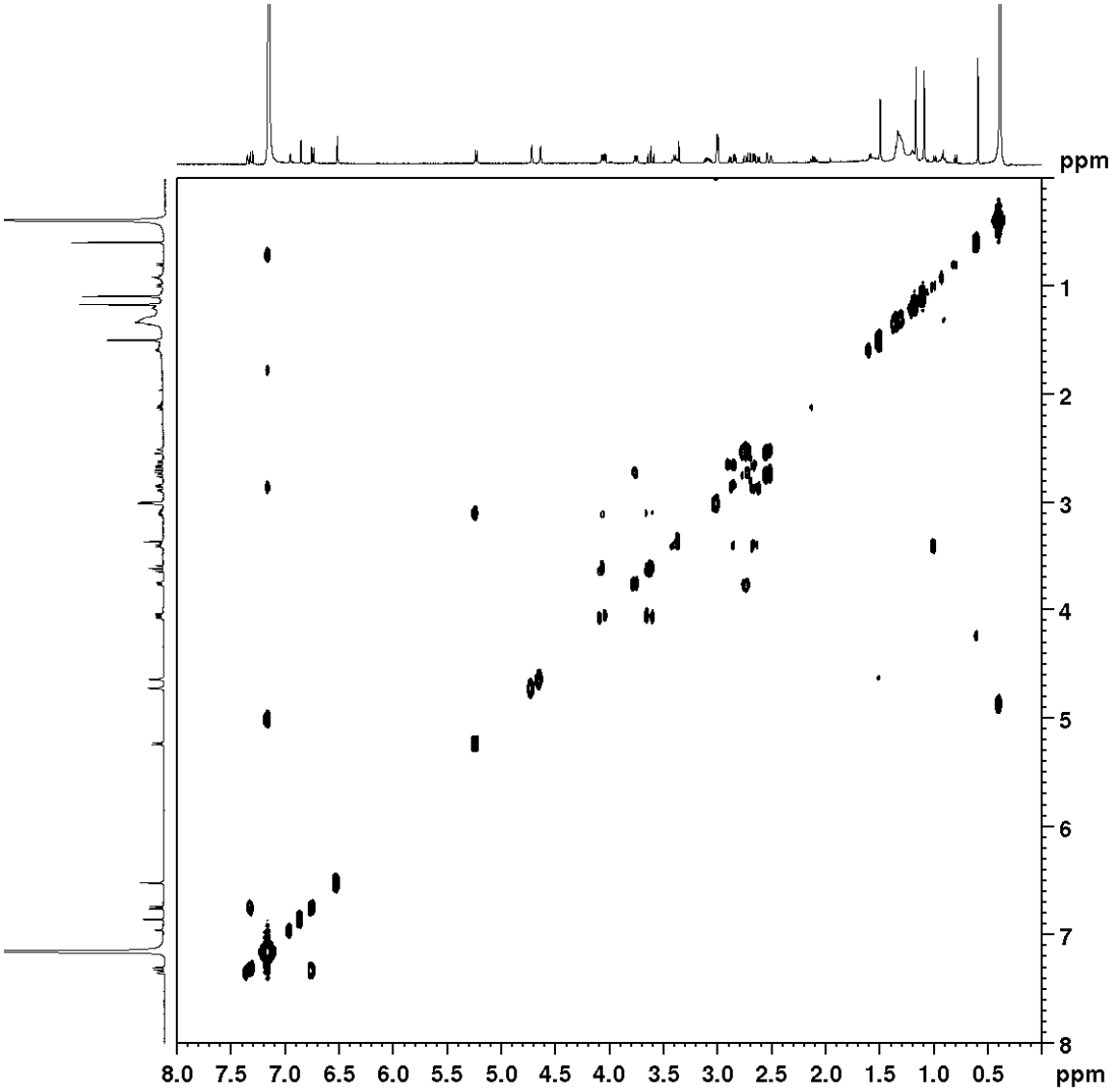
ed-HSQC spectrum of bituminarin B (**2**) (600 MHz C_6D_6)



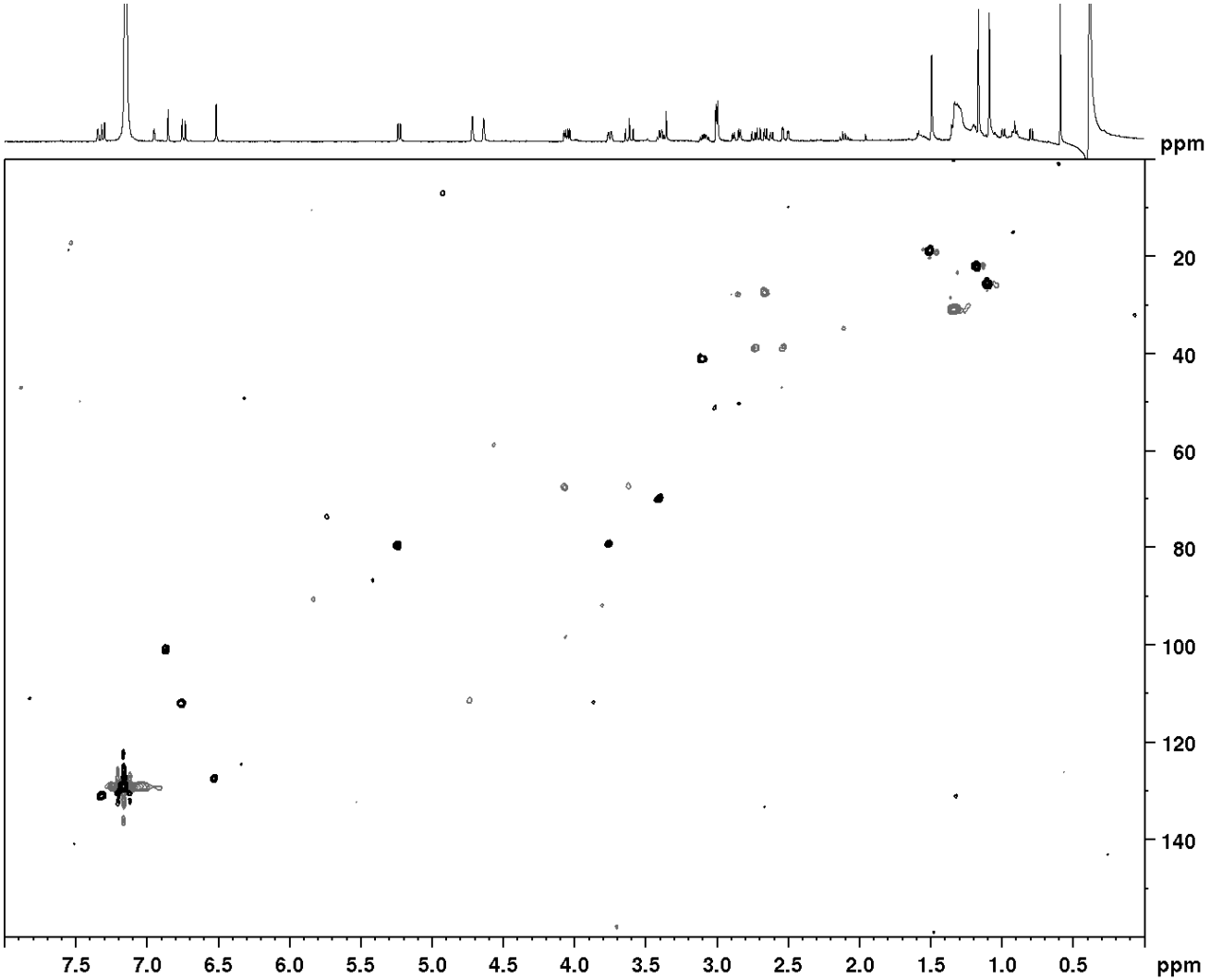
HMBC spectrum of bituminarin B (**2**) (600 MHz, C_6D_6)



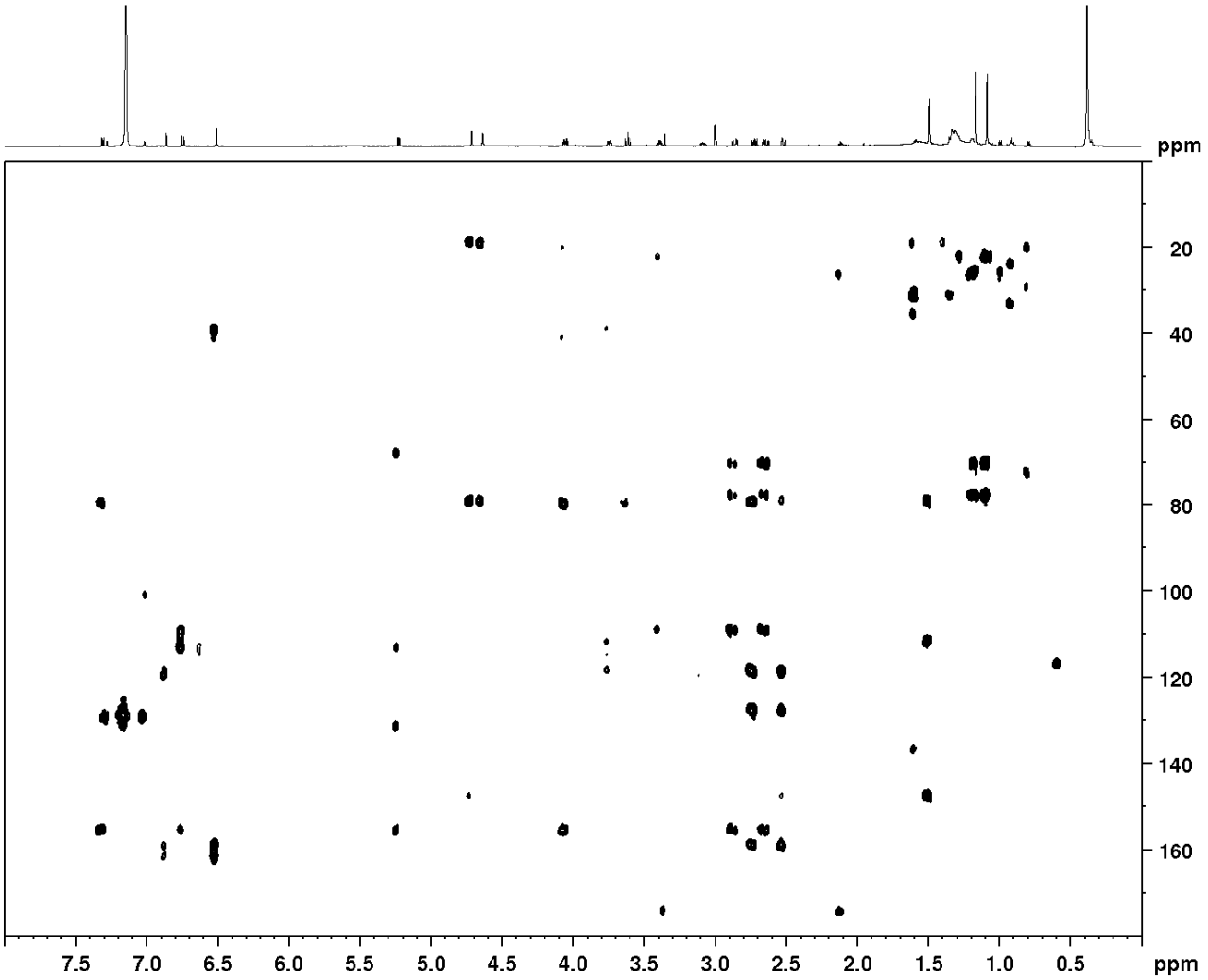
^{1}H NMR spectrum of bituminarin C (**3**) (600 MHz, C_6D_6)



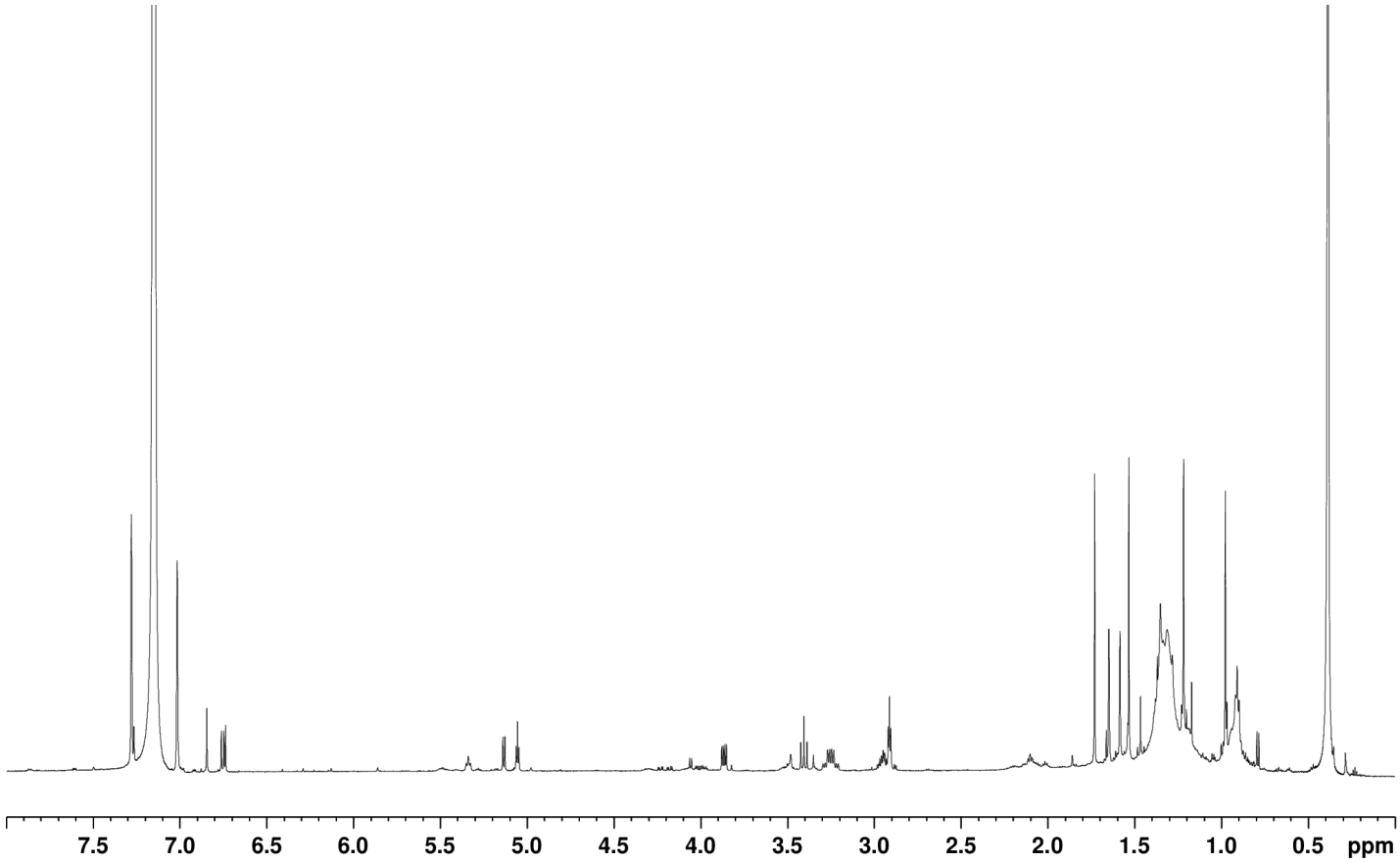
COSY spectrum of bituminarin C (**3**) (400 MHz, C_6D_6)



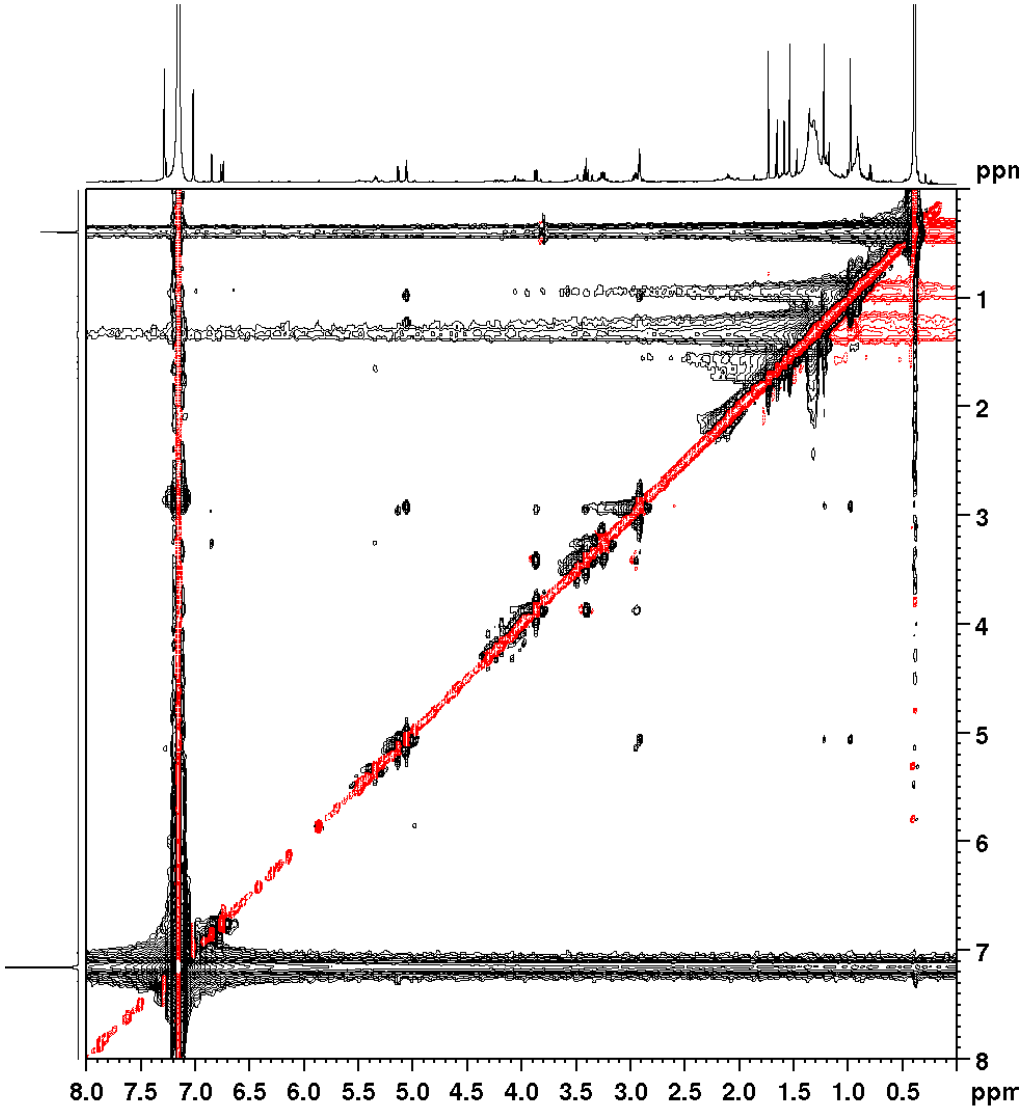
ed-HSQC spectrum of bituminarin C (**3**) (400 MHz, C_6D_6)



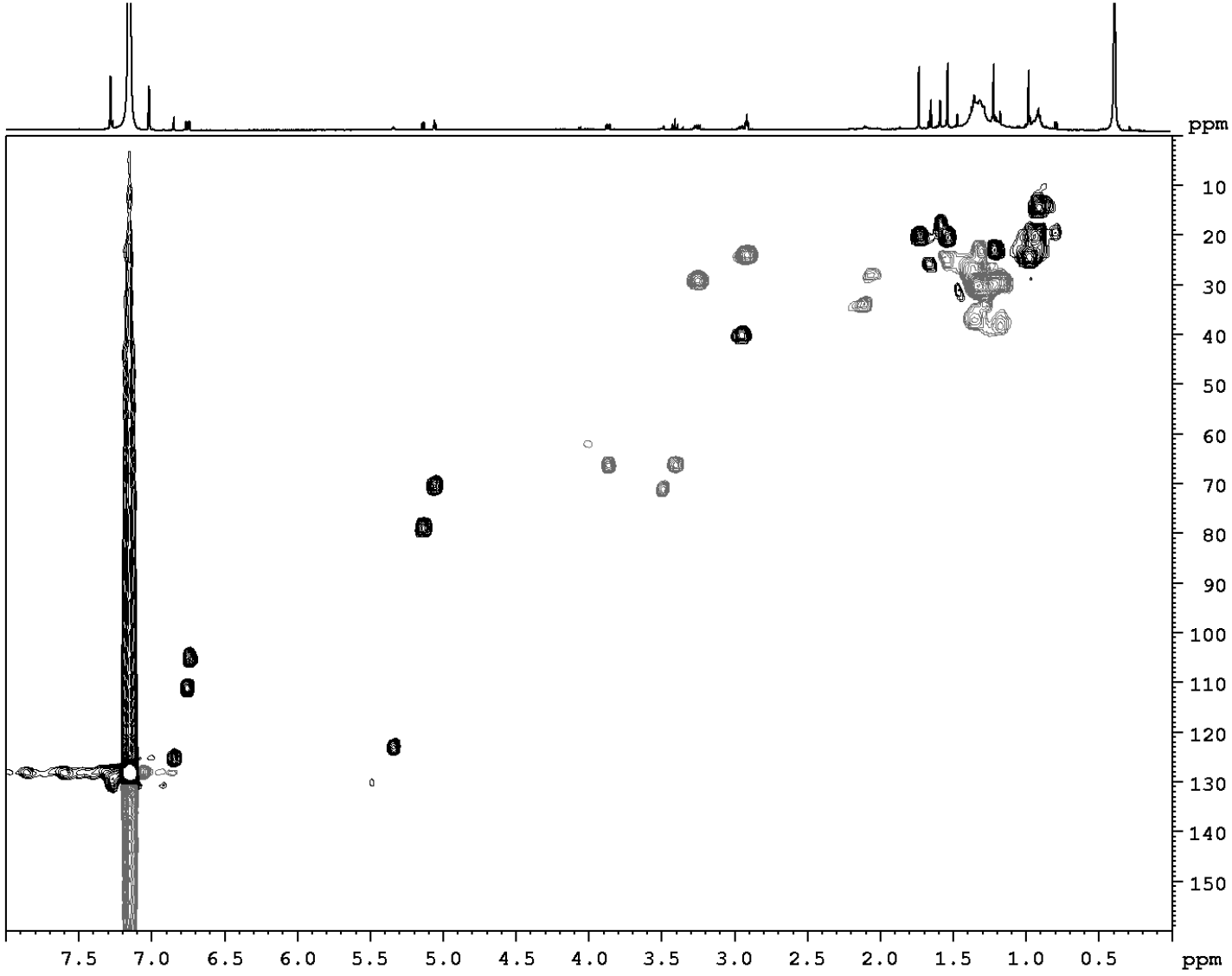
HMBC spectrum of bituminarin C (**3**) (600 MHz, C_6D_6)



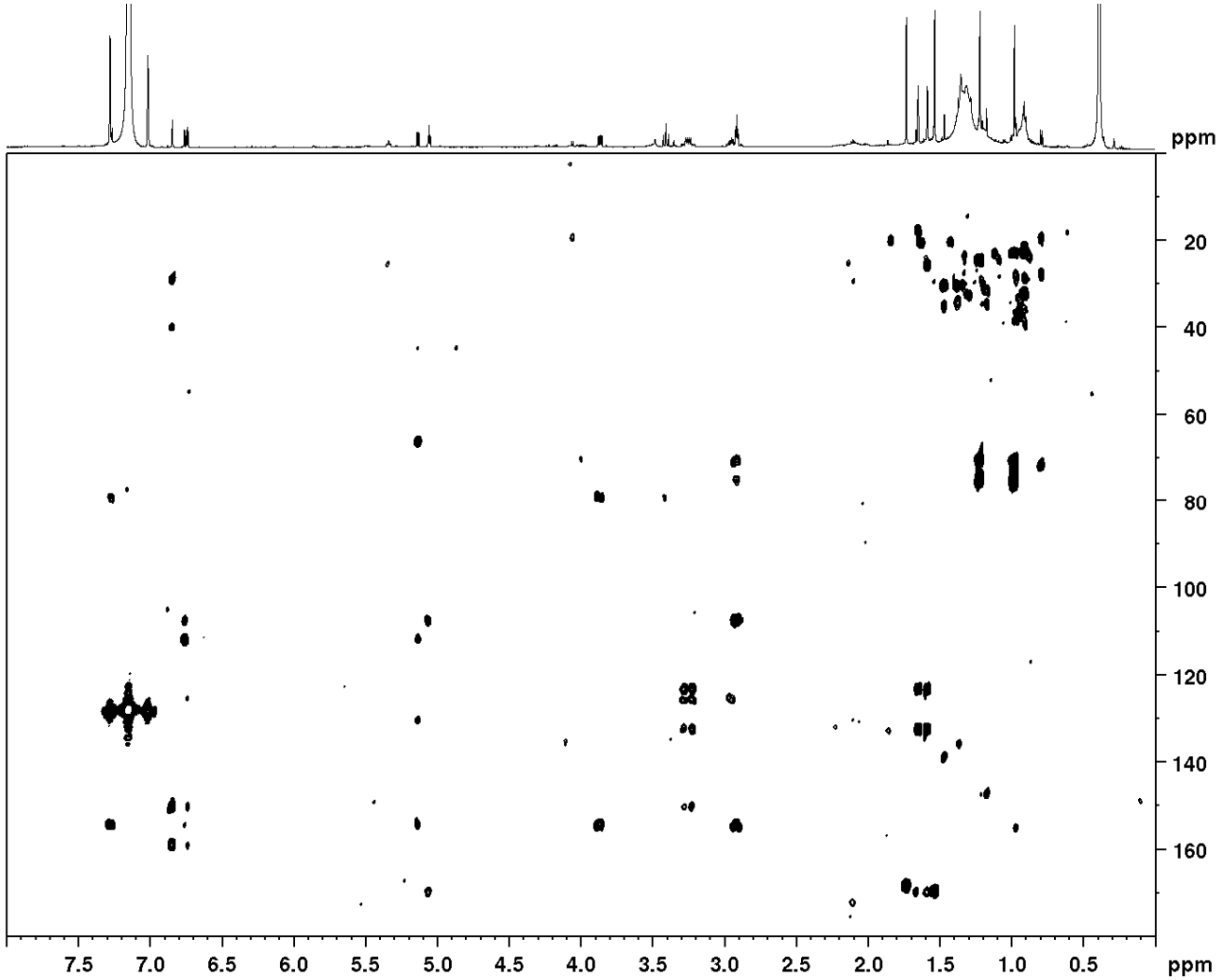
^{1}H NMR spectrum of acetylated bituminarin A (**1a**) (600 MHz, C_6D_6)



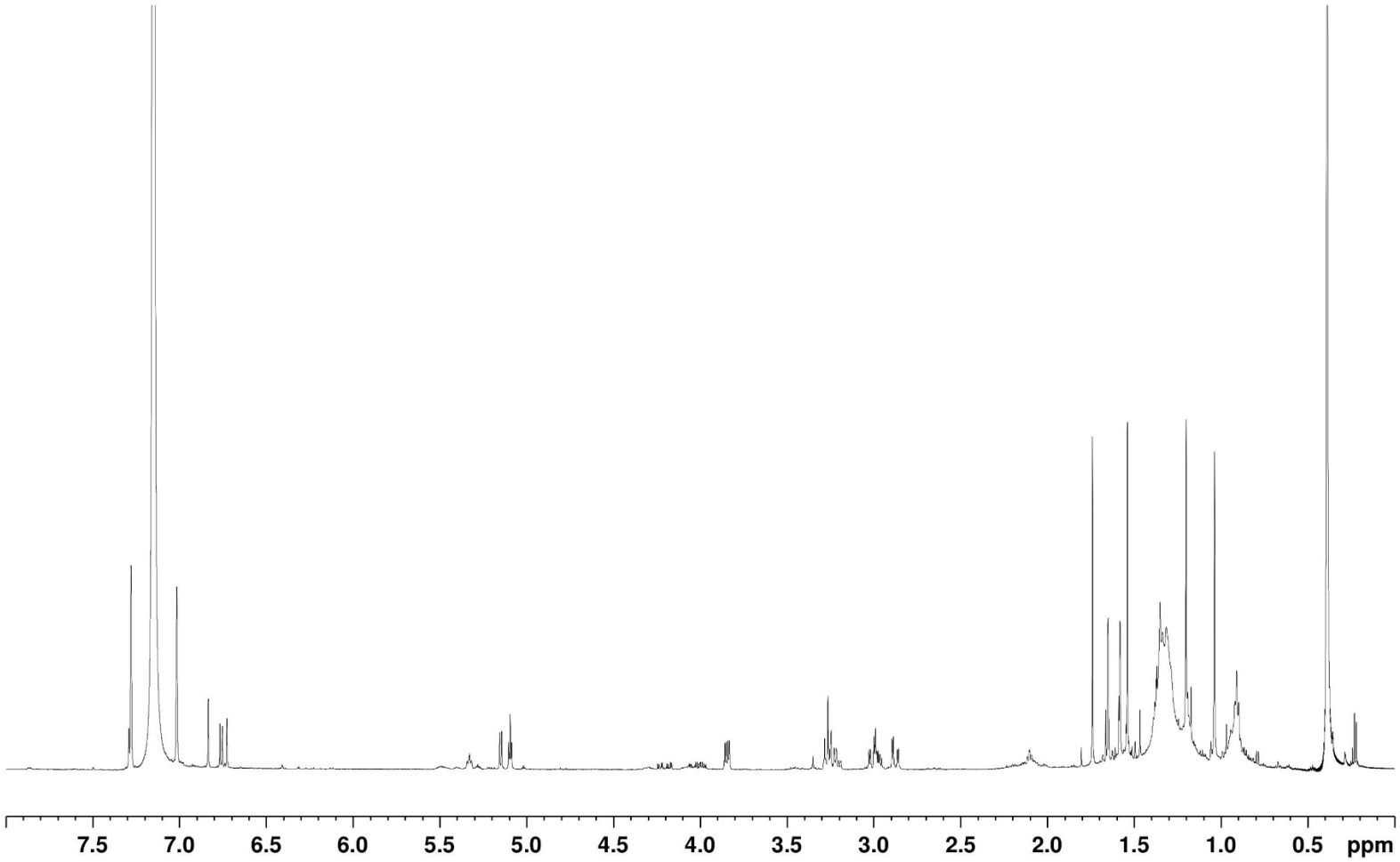
NOESY spectrum of acetylated bituminarin A (**1a**) (600 MHz, C_6D_6)



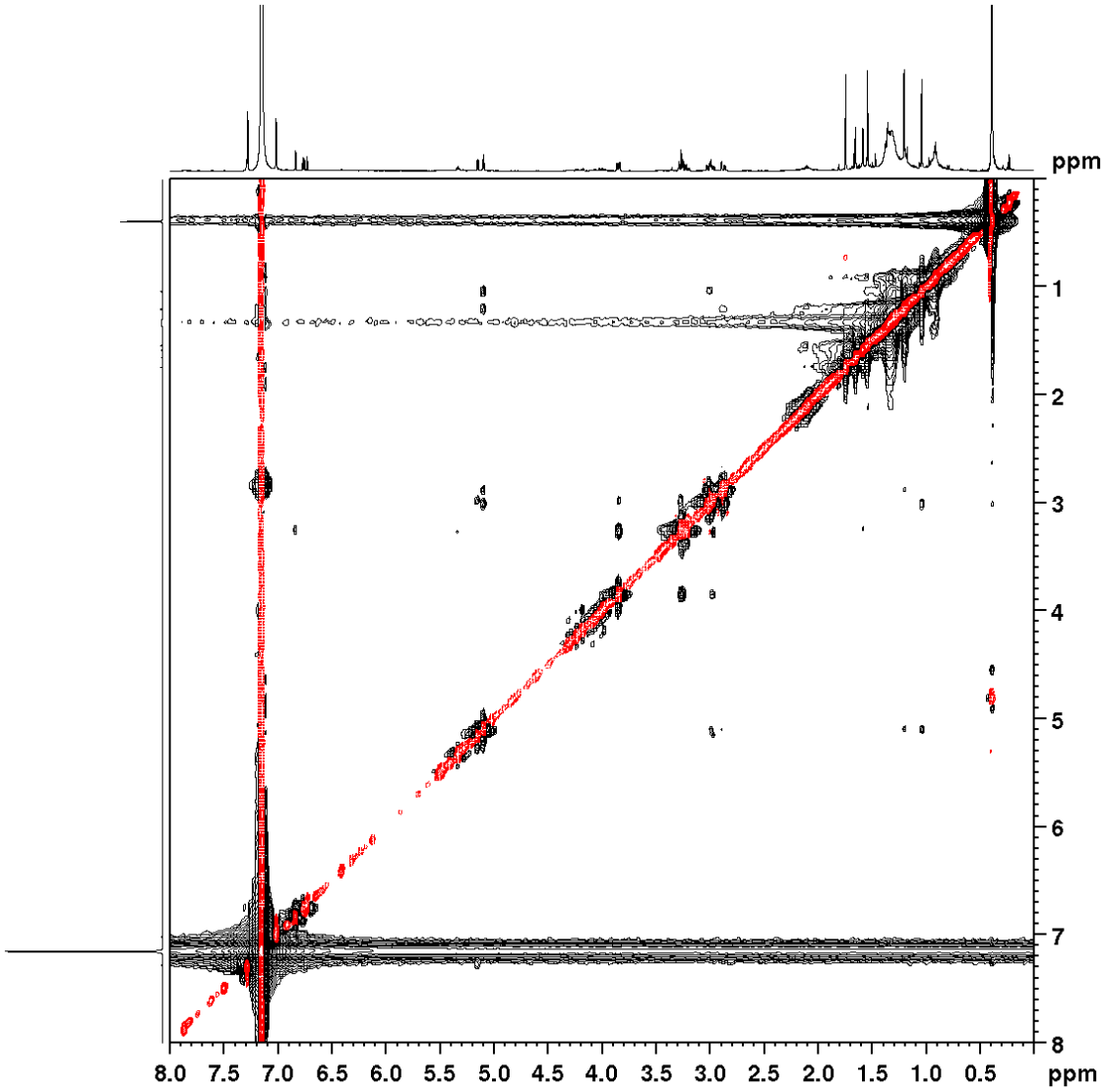
ed-HSQC spectrum of acetylated bituminarin A (**1a**) (600 MHz, C_6D_6)



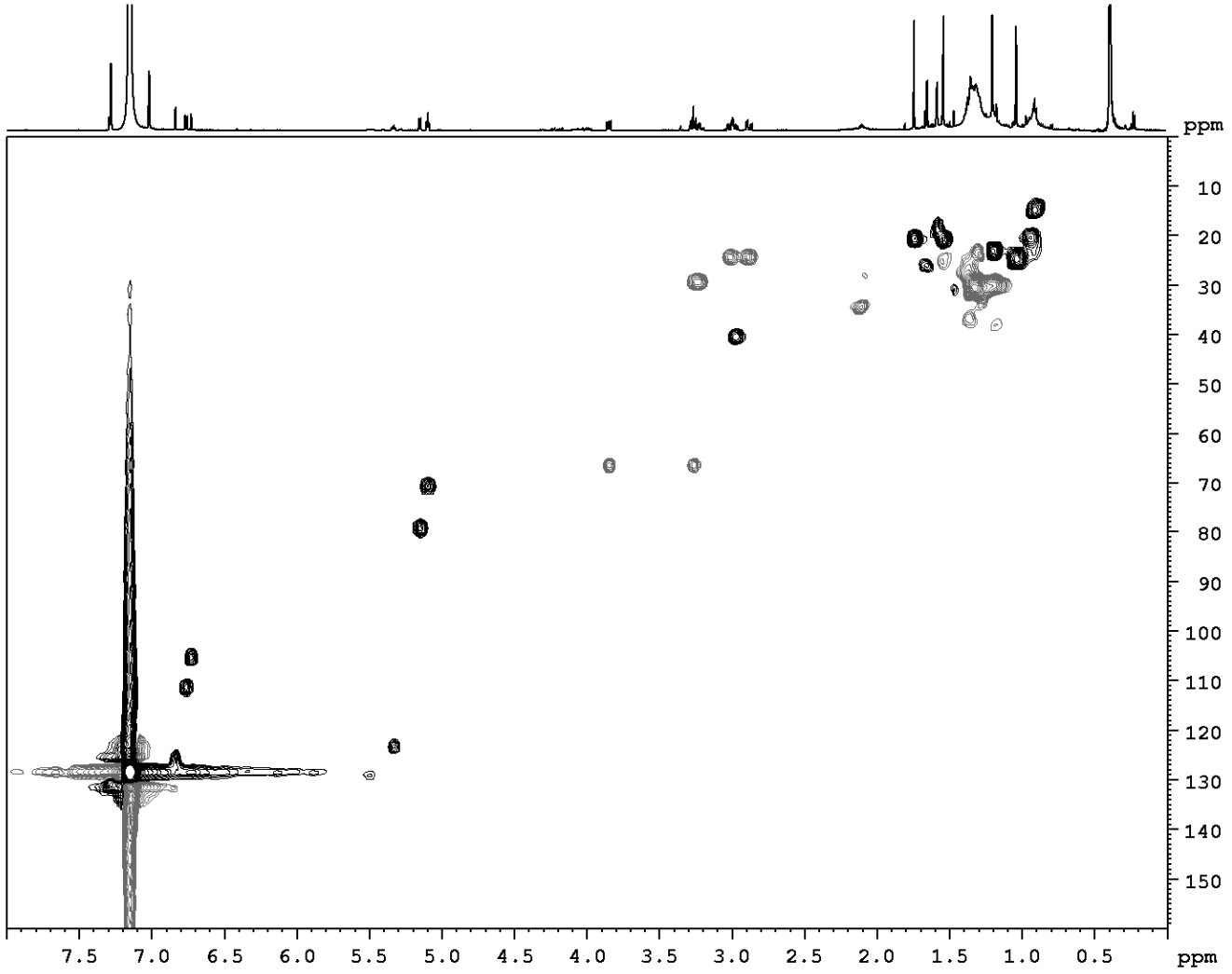
HMBC spectrum of acetylated bituminarin A (**1a**) (600 MHz, C_6D_6)



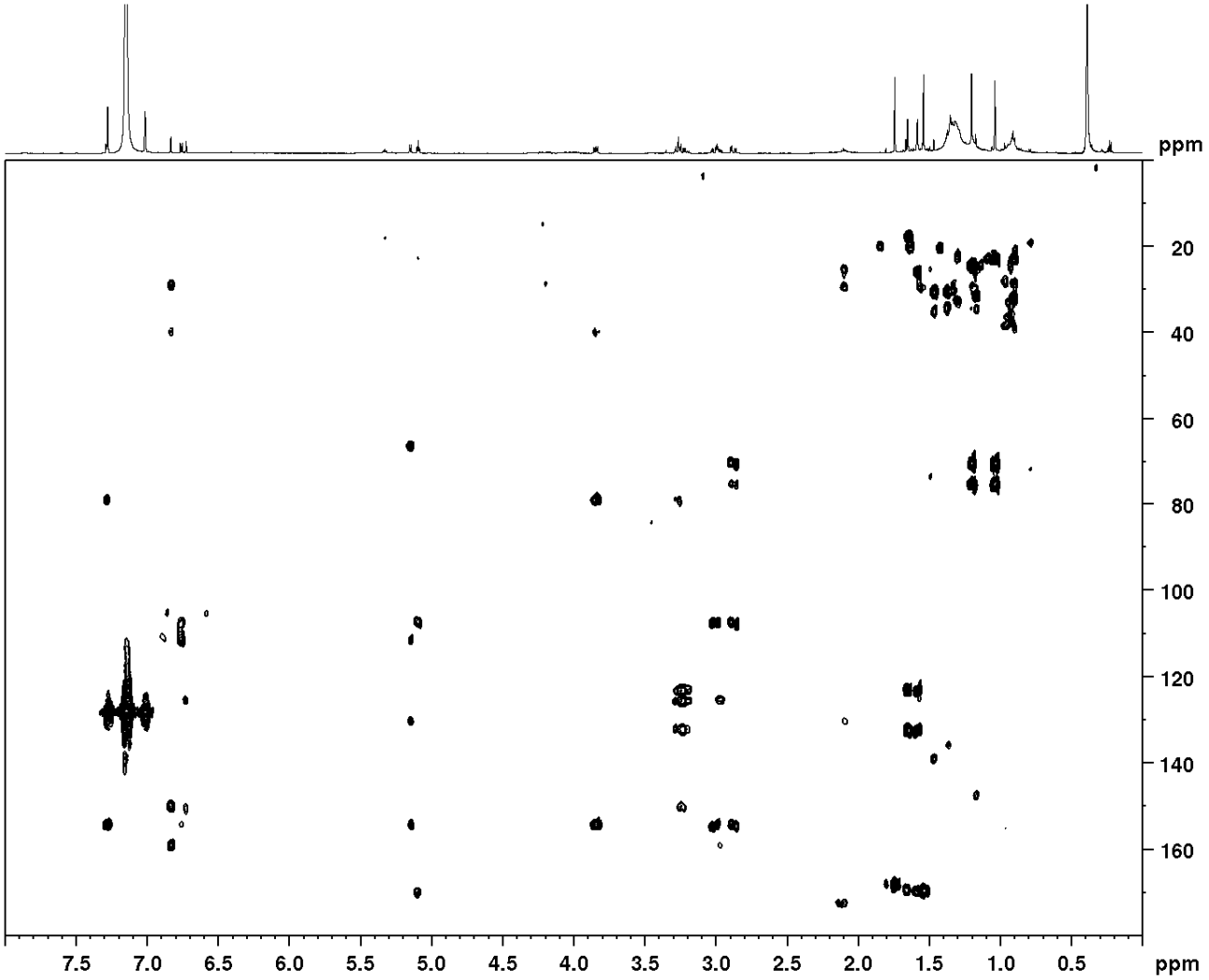
^{1}H NMR spectrum of acetylated bituminarin B (**2a**) (600 MHz, C_6D_6)



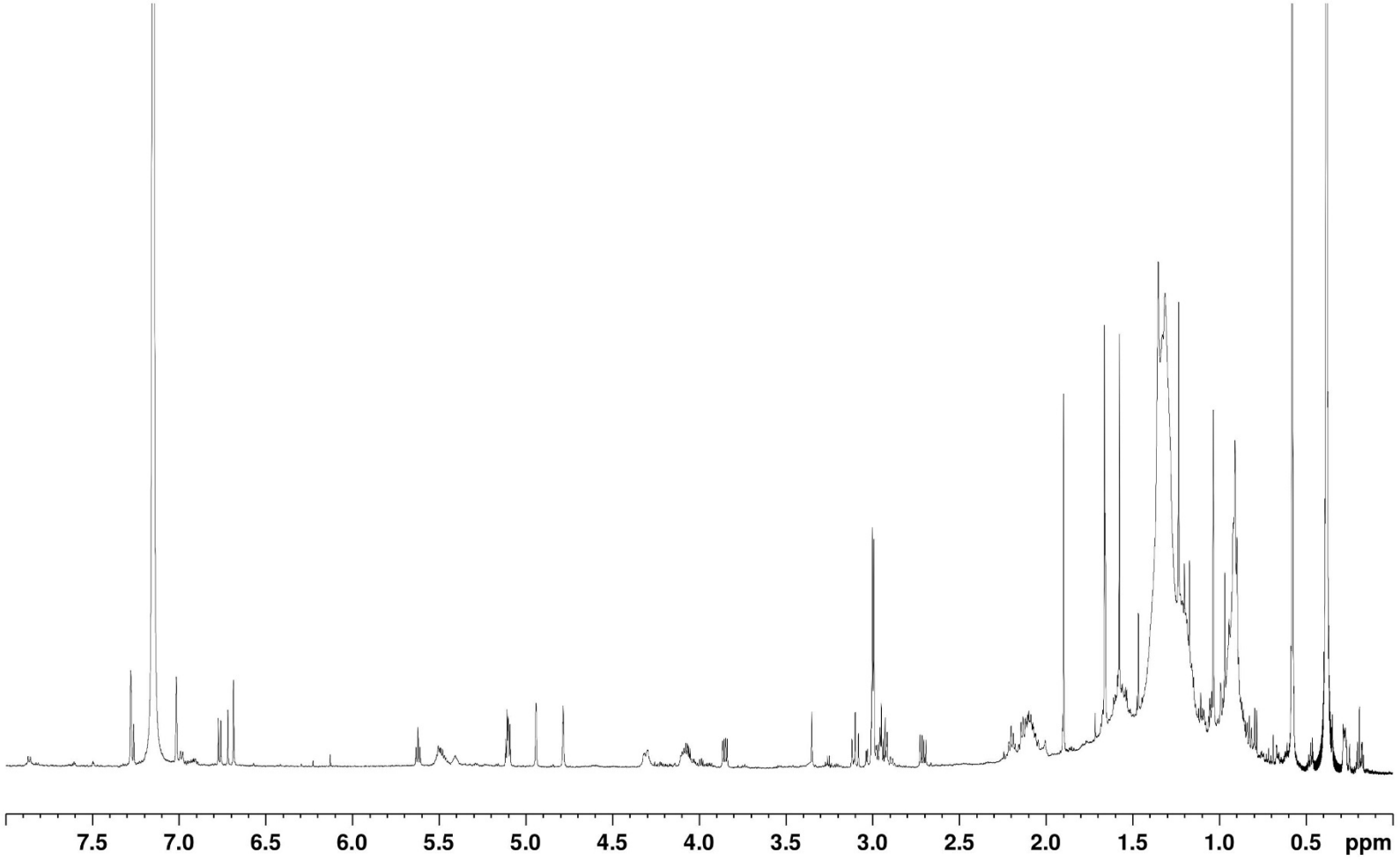
NOESY spectrum of acetylated bituminarin B (**2a**) (600 MHz, C_6D_6)



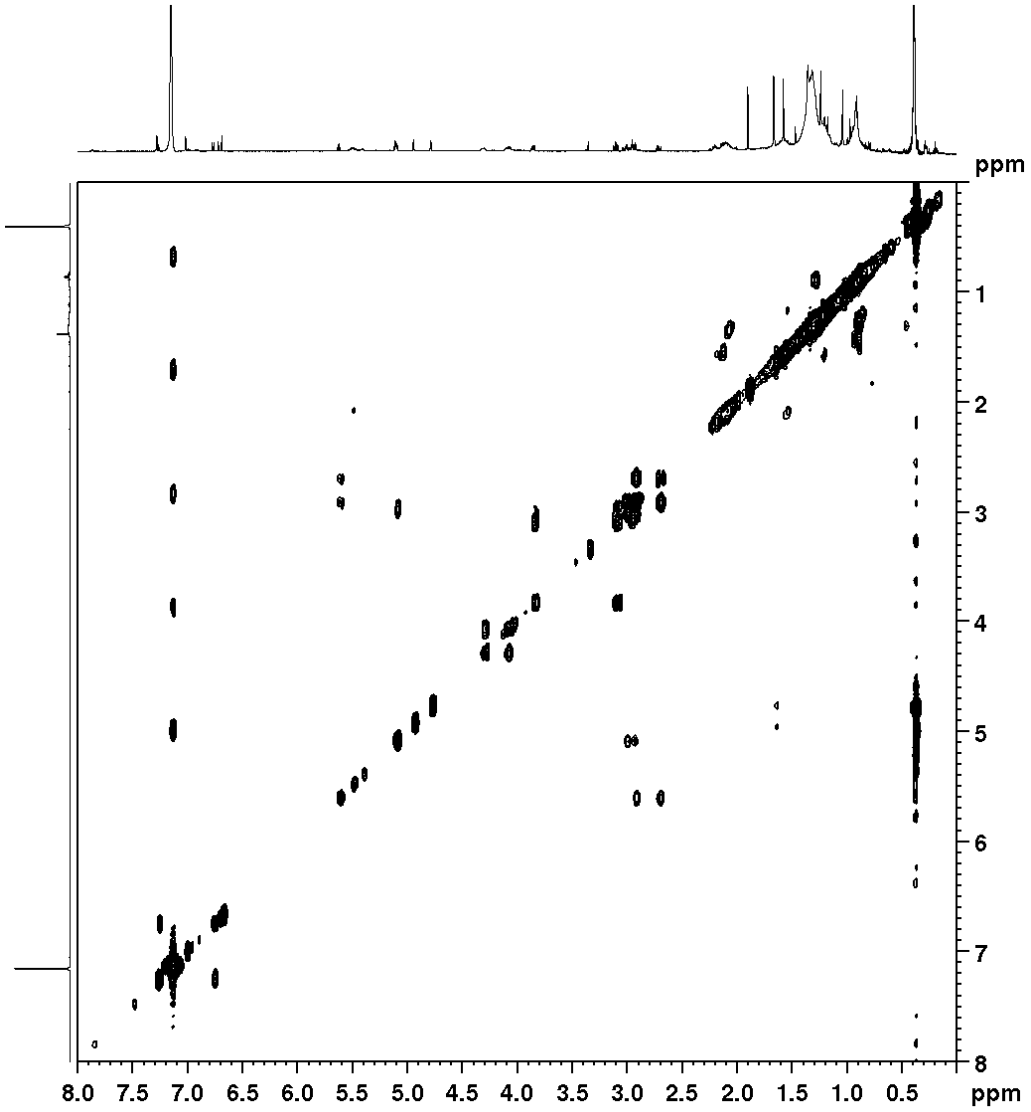
ed-HSQC spectrum of acetylated bituminarin B (**2a**) (600 MHz C_6D_6)



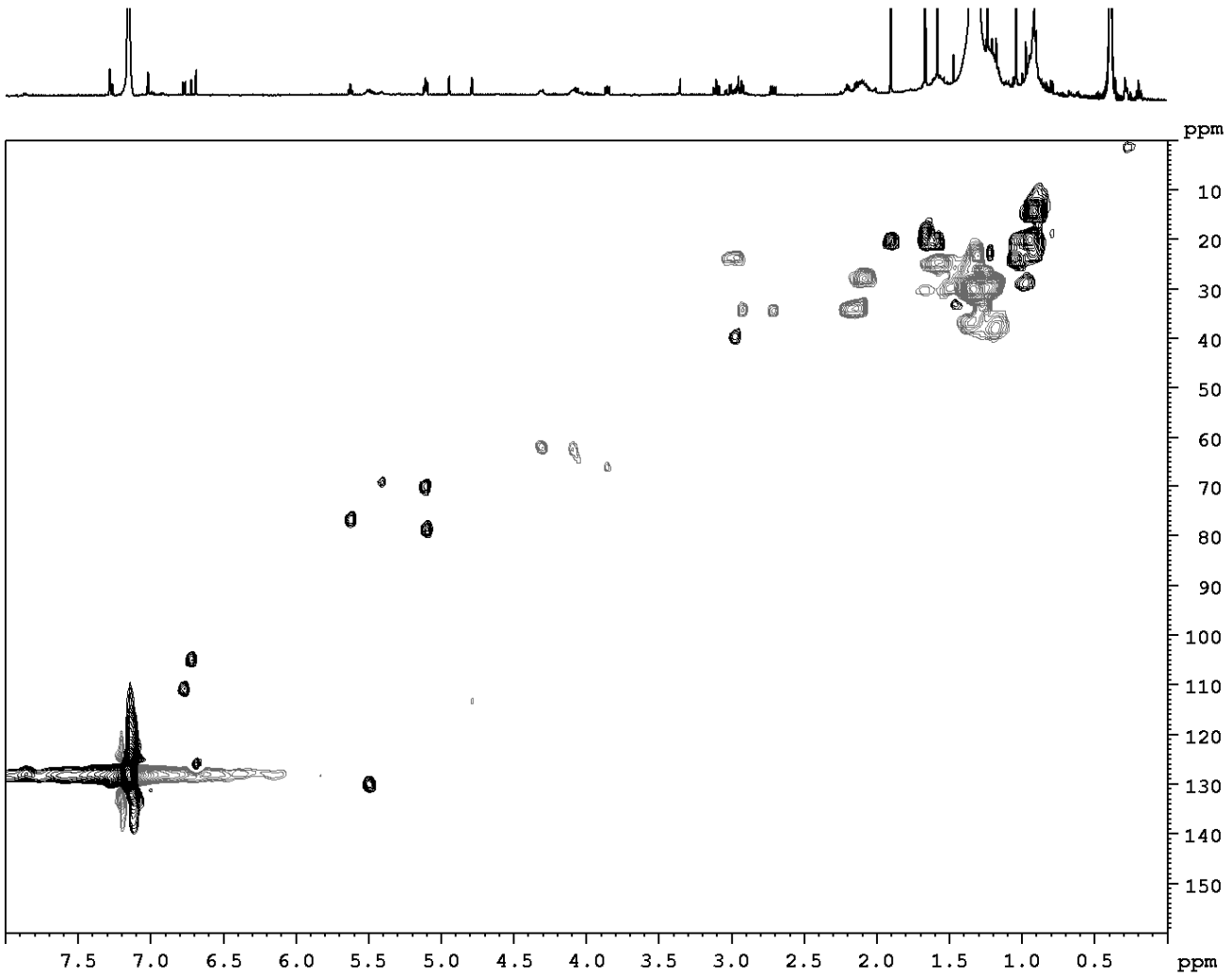
HMBC spectrum of acetylated bituminarin B (**2a**) (600 MHz, C_6D_6)



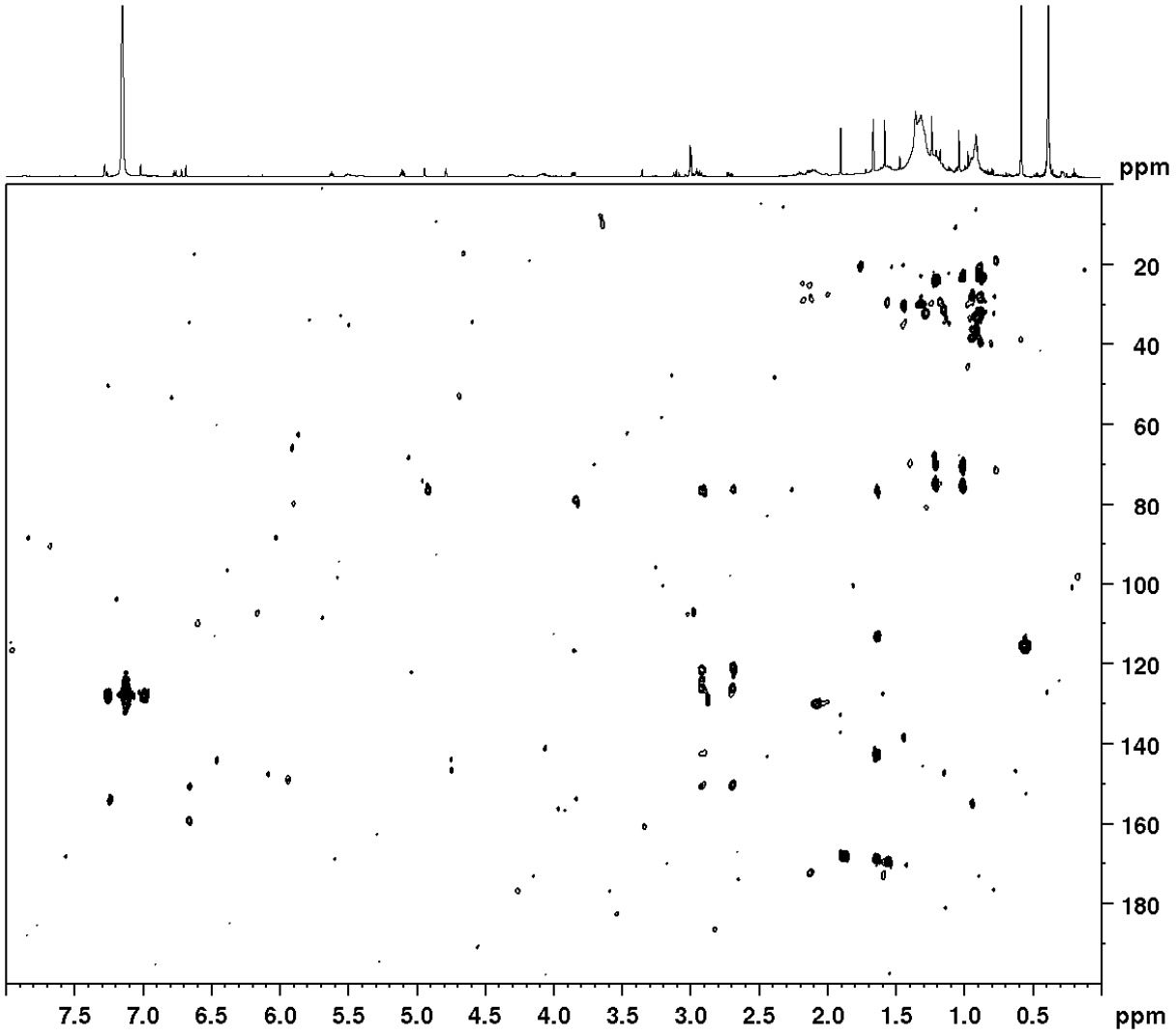
^{1}H NMR spectrum of acetylated bituminarin C (**3a**) (600 MHz, C_6D_6)



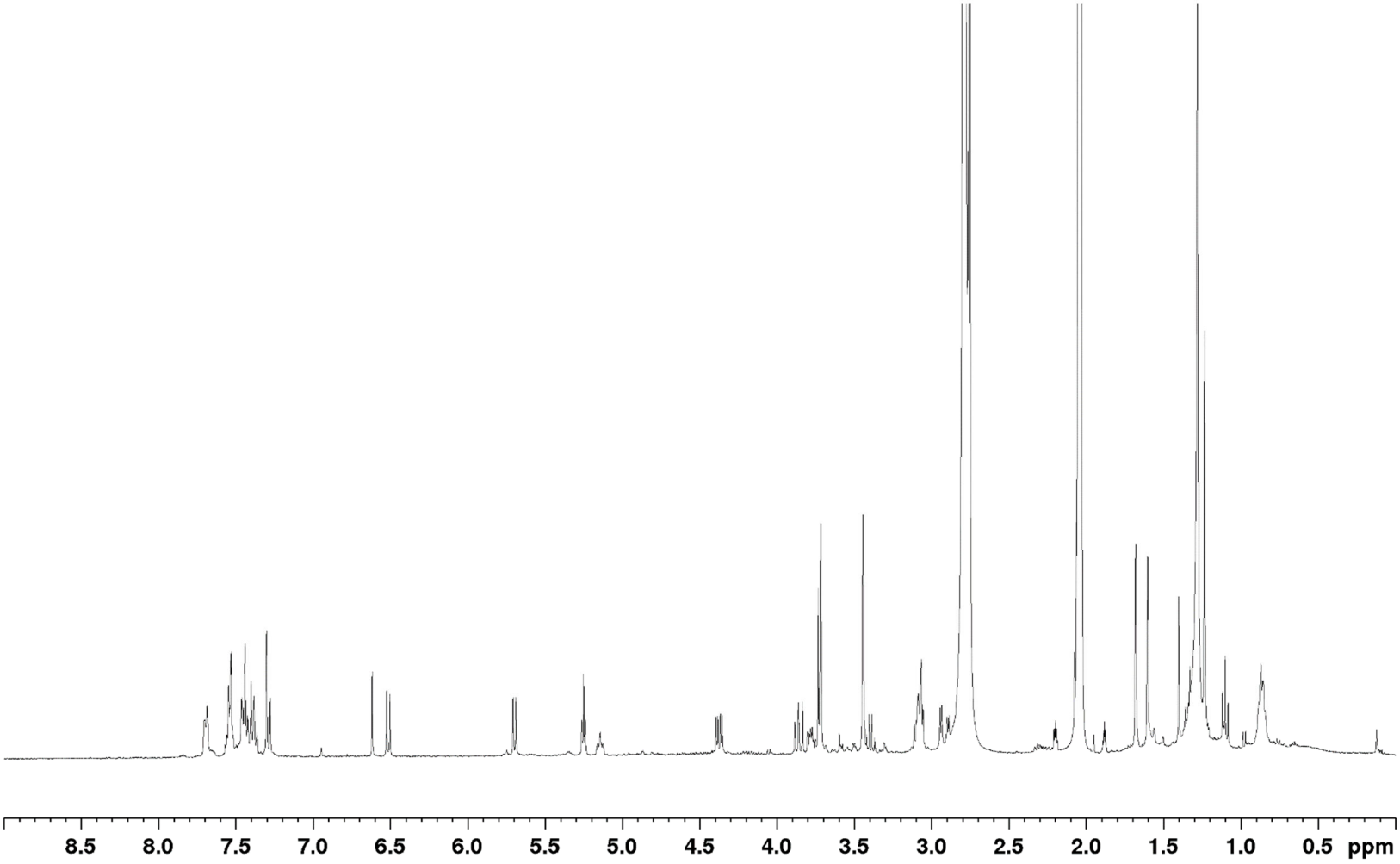
COSY spectrum of acetylated bituminarin C (**3a**) (400 MHz, C_6D_6)



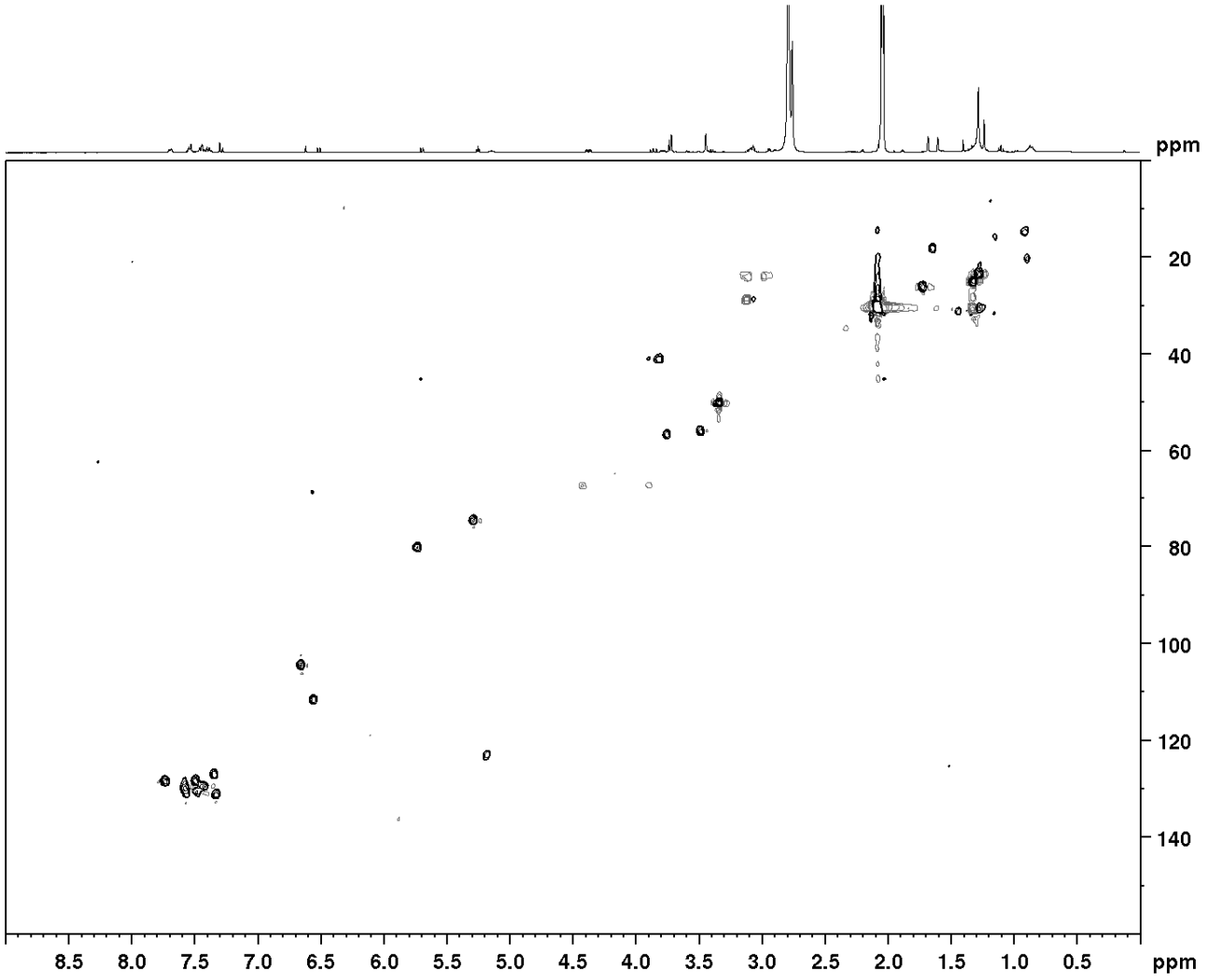
ed-HSQC spectrum of acetylated bituminarin C (**3a**) (400 MHz, C_6D_6)



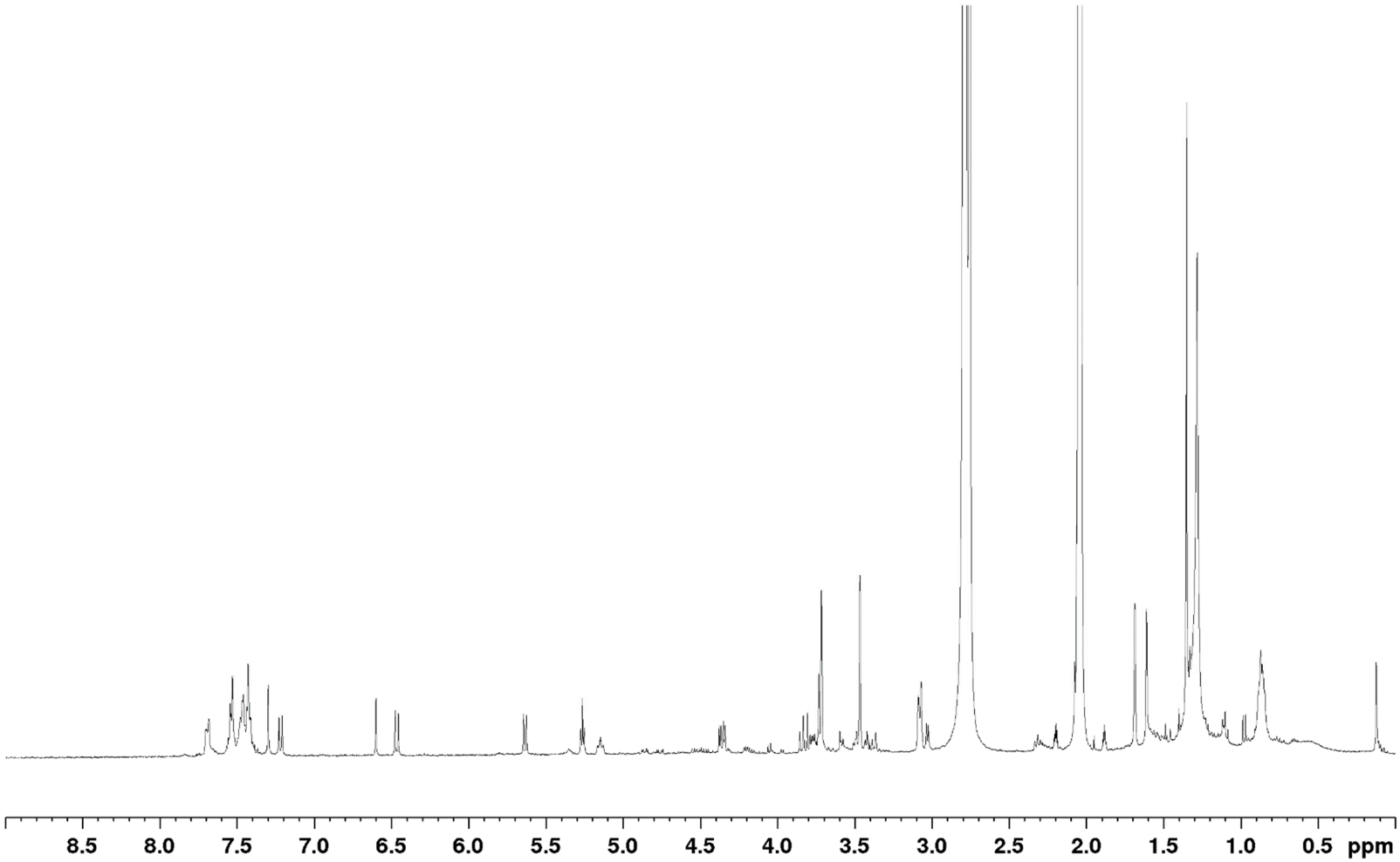
HMBC spectrum of acetylated bituminarin C (**3a**) (600 MHz, C_6D_6)



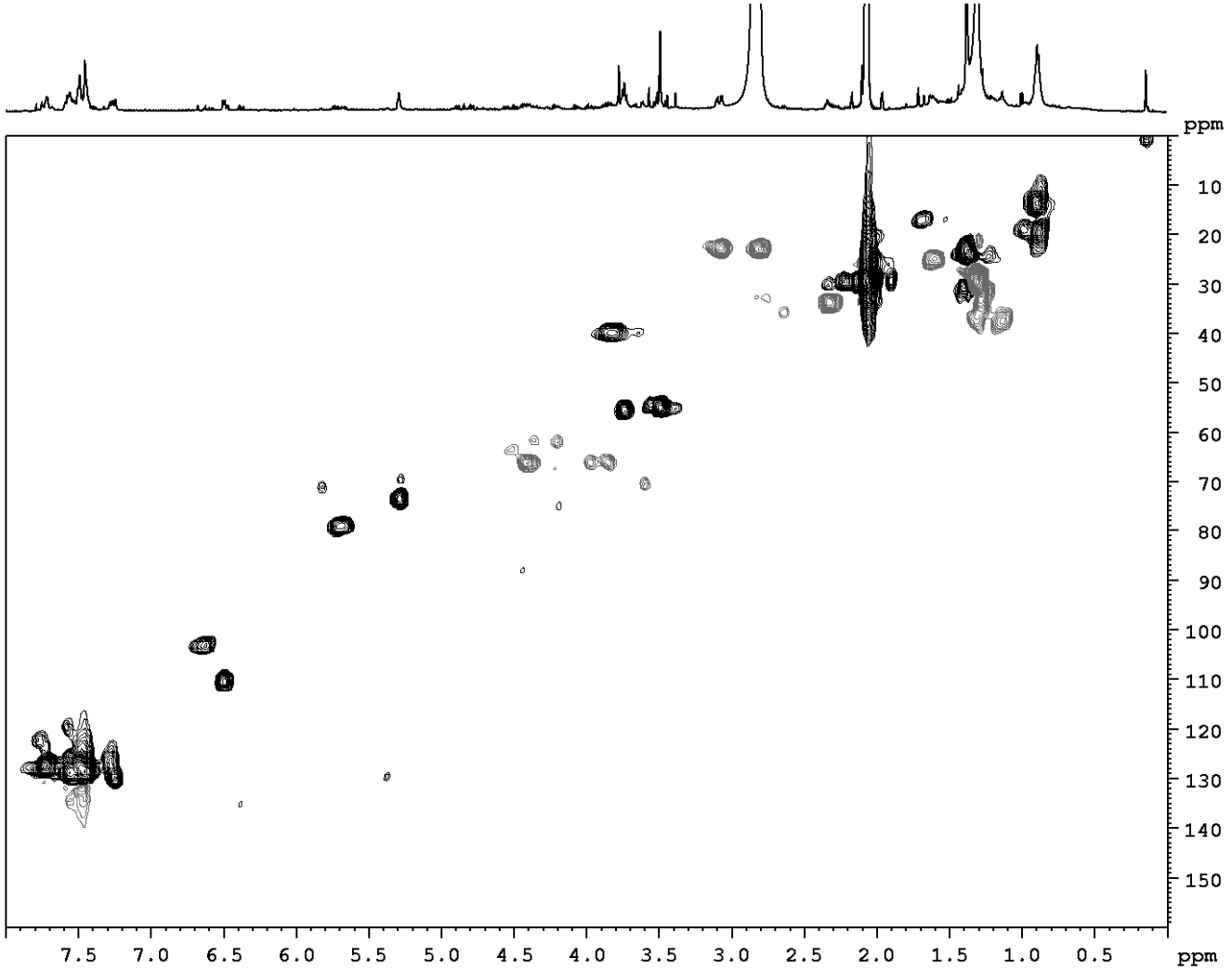
^{1}H NMR spectrum of (*S*)-MTPA-ester of bituminarin A (**1b**) (600 MHz, Acetone-*d*6)



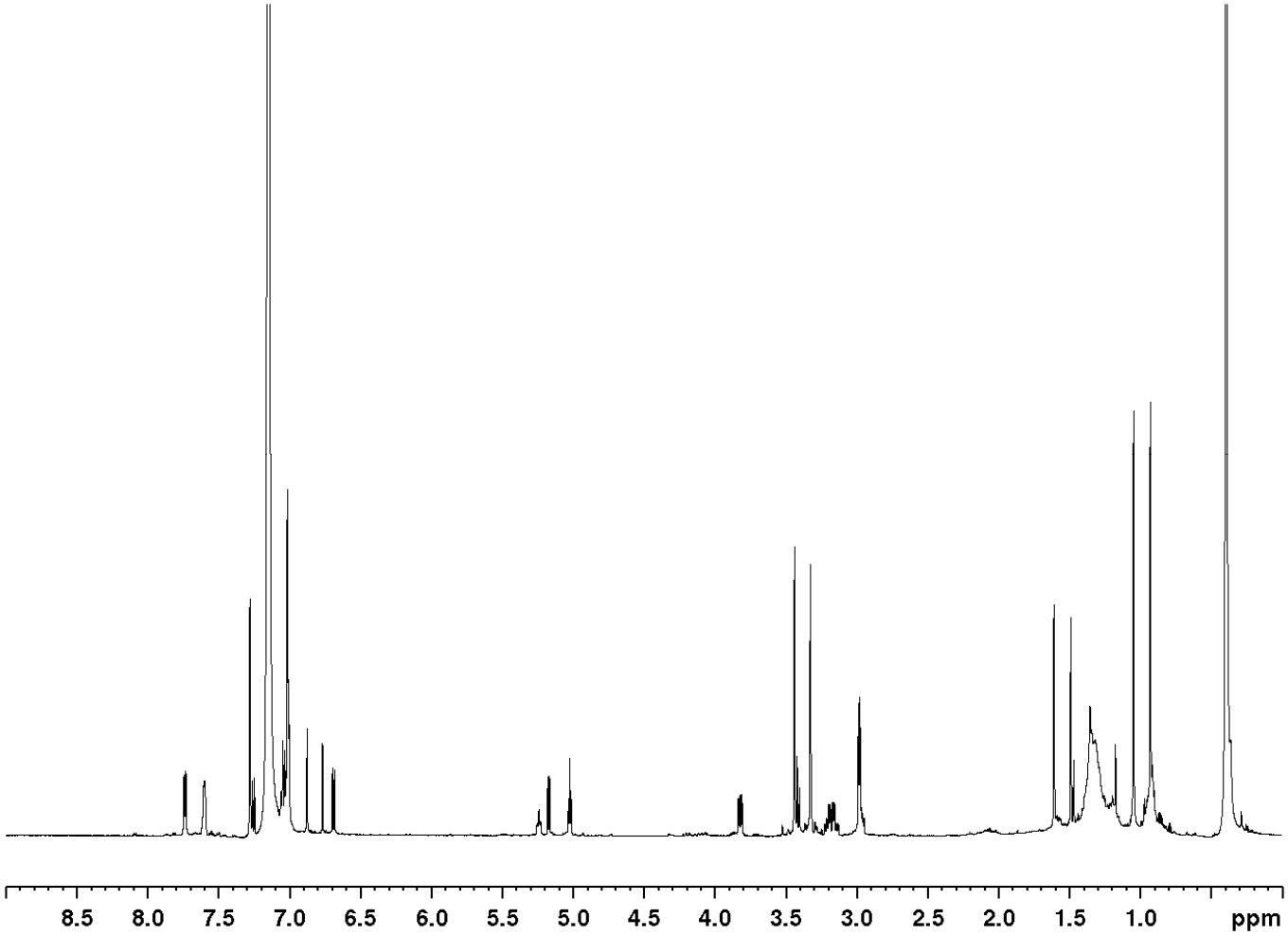
ed-HSQC spectrum of (*S*)-MTPA-ester of bituminarin A (**1b**) (600 MHz, Acetone-*d*6)



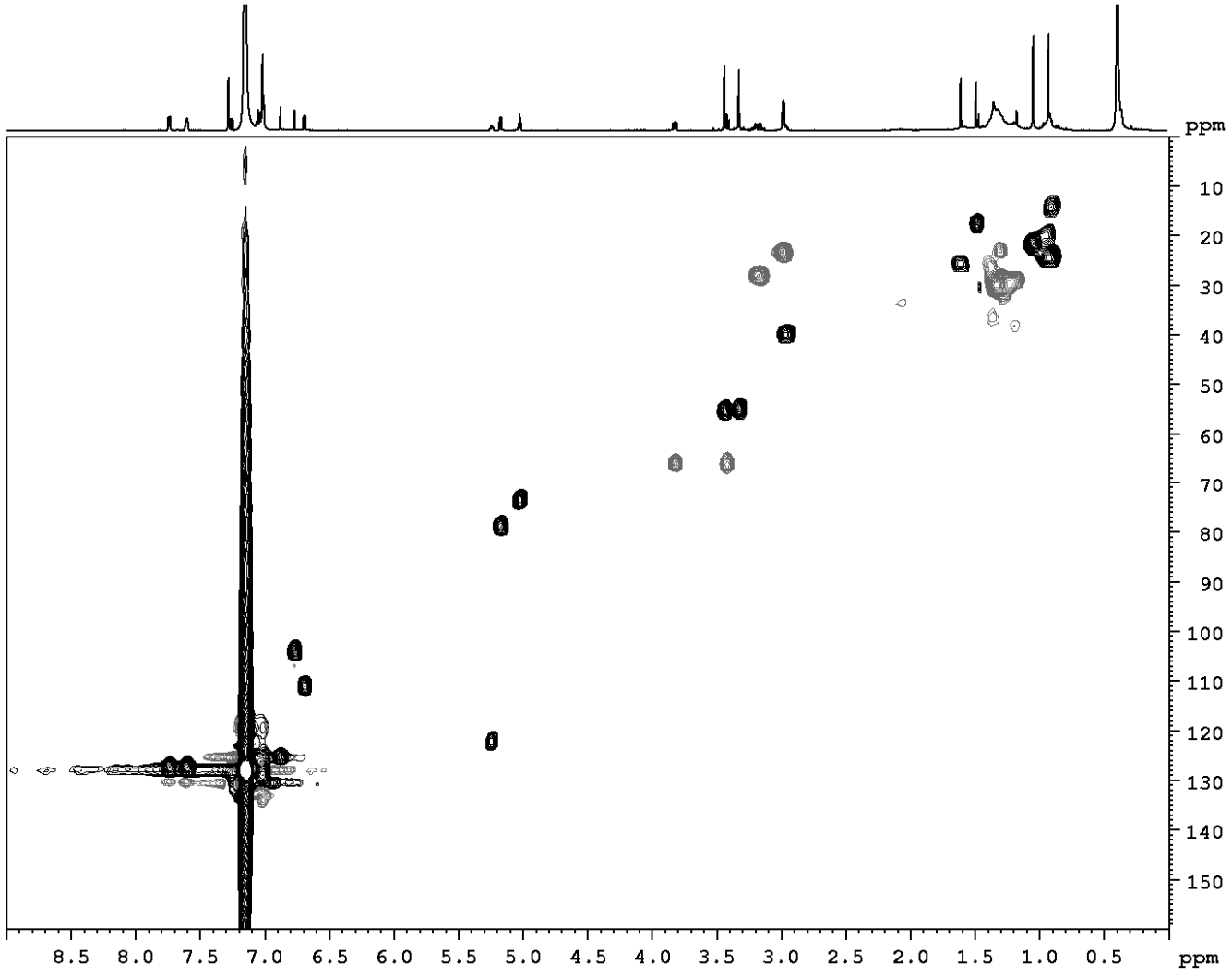
^{1}H NMR spectrum of (*R*)-MTPA-ester of bituminarin A (**1c**) (600 MHz, Acetone-*d*6)



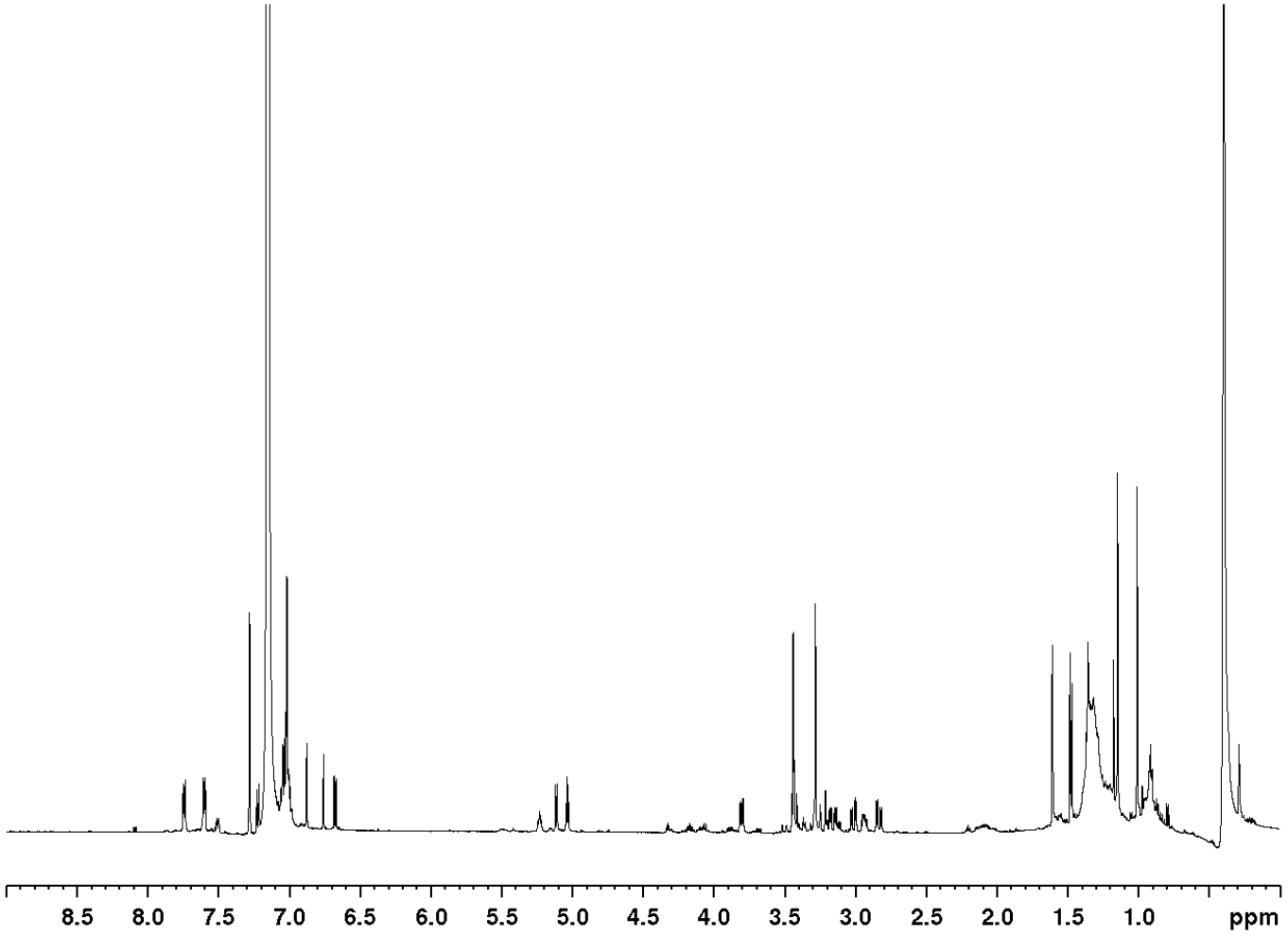
ed-HSQC spectrum of (*R*)-MTPA-ester of bituminarin A (**1c**) (600 MHz, Acetone-*d*6)



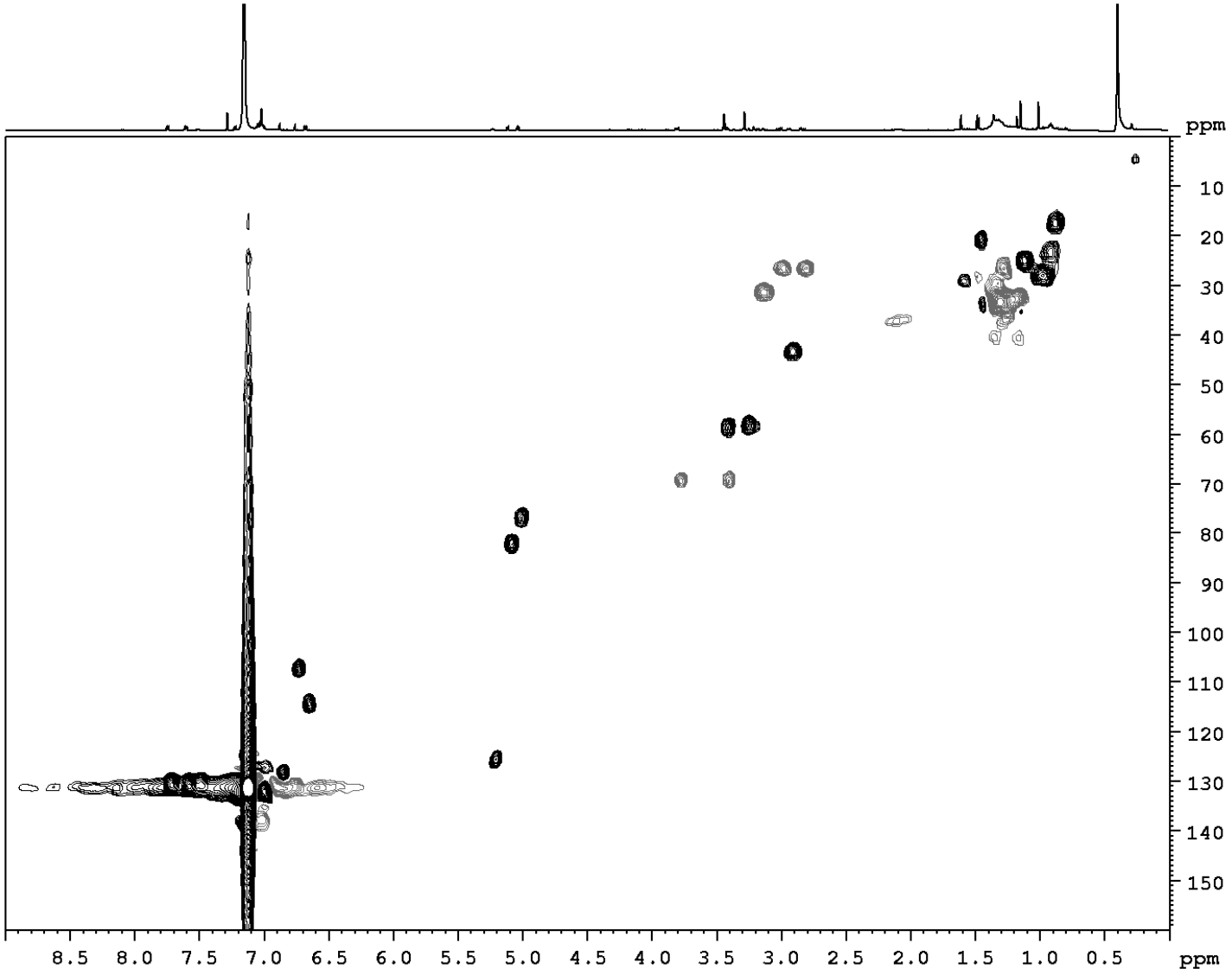
^{1}H NMR spectrum of (*S*)-MTPA-ester of bituminarin A (**1b**) (600 MHz, C_6D_6)



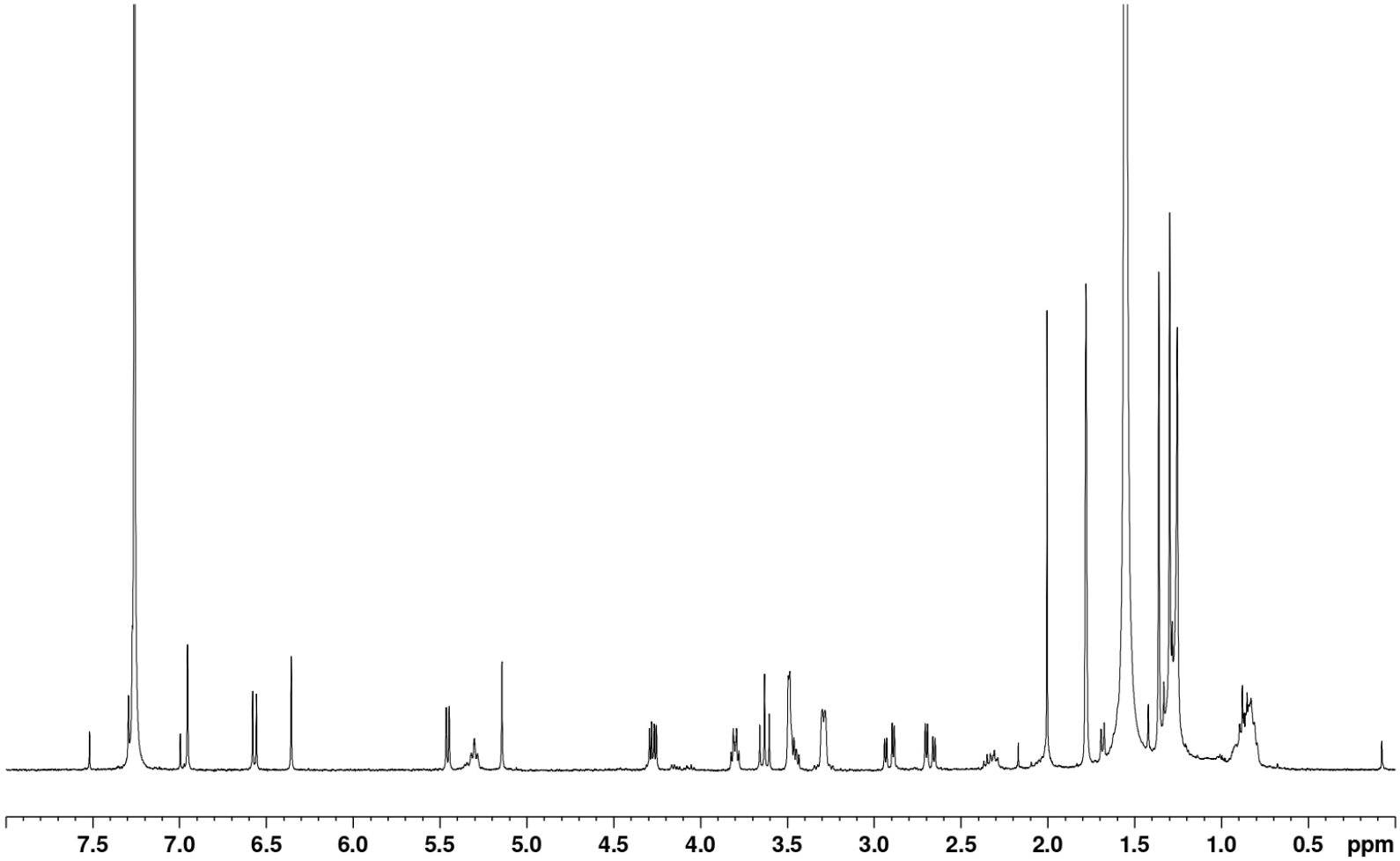
ed-HSQC spectrum of (*S*)-MTPA-ester of bituminarin A (**1b**) (600 MHz, C_6D_6)



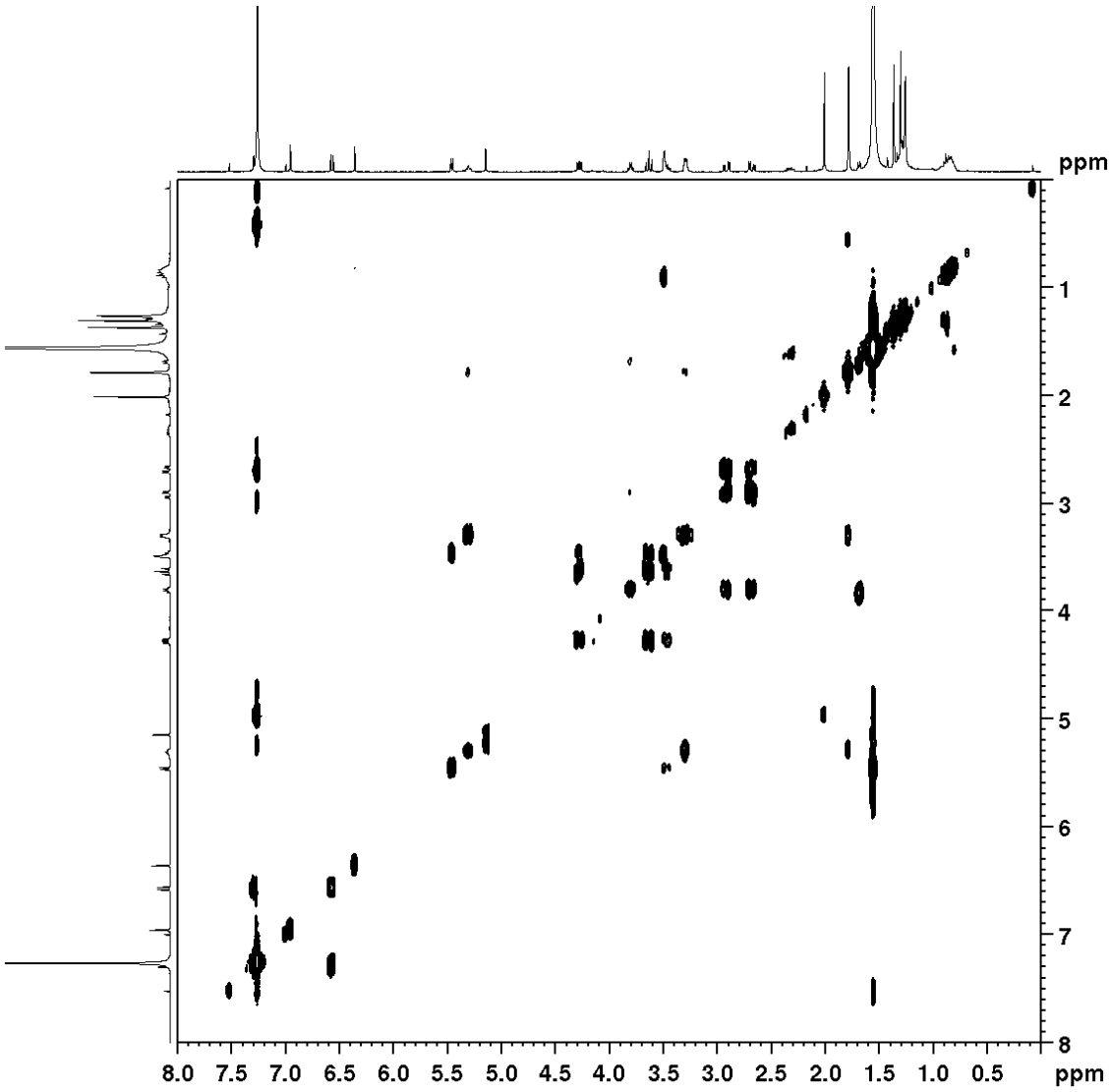
^{1}H NMR spectrum of (*R*)-MTPA-ester of bituminarin A (**1c**) (600 MHz, C_6D_6)



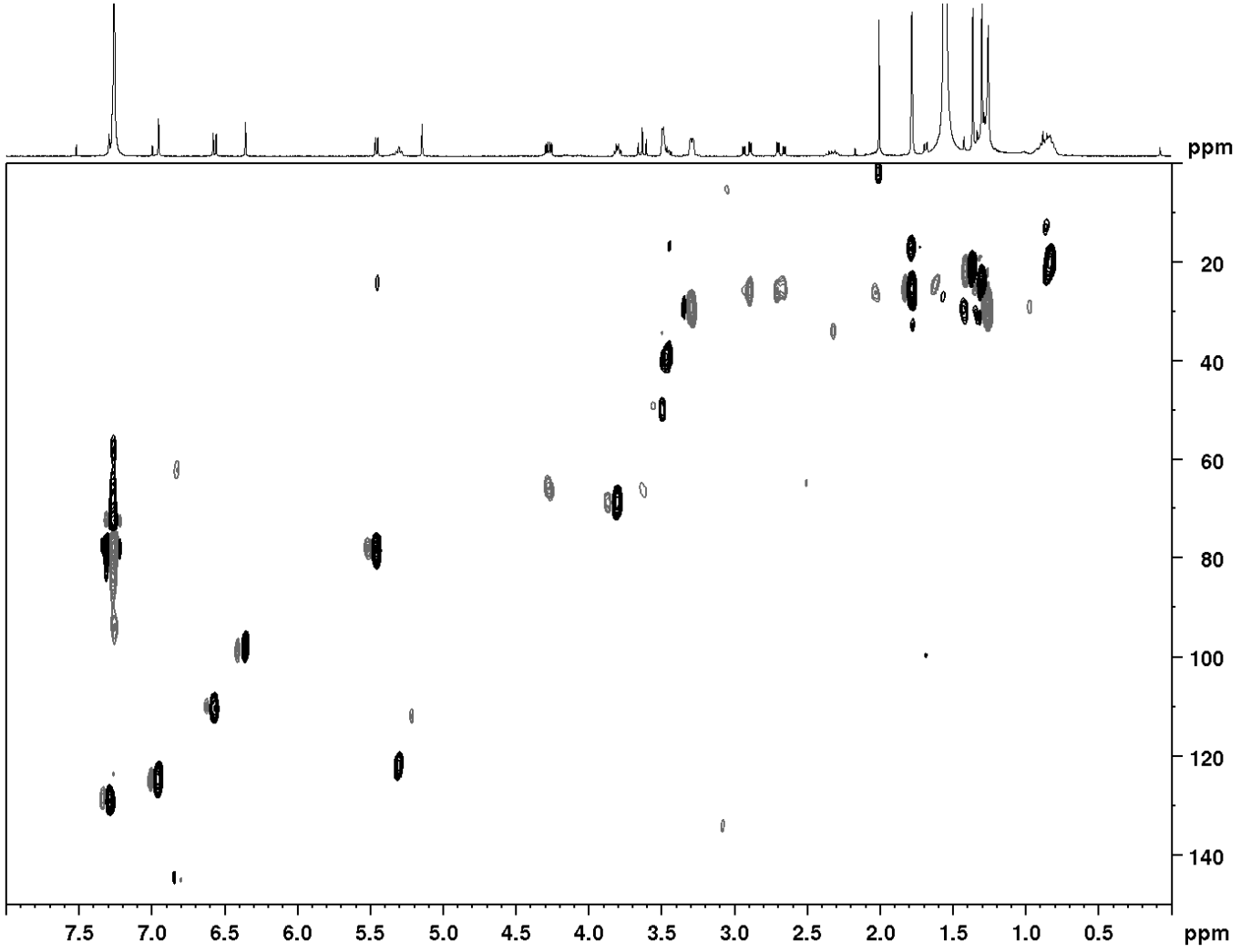
ed-HSQC spectrum of (*R*)-MTPA-ester of bituminarin A (**1c**) (600 MHz, C_6D_6)



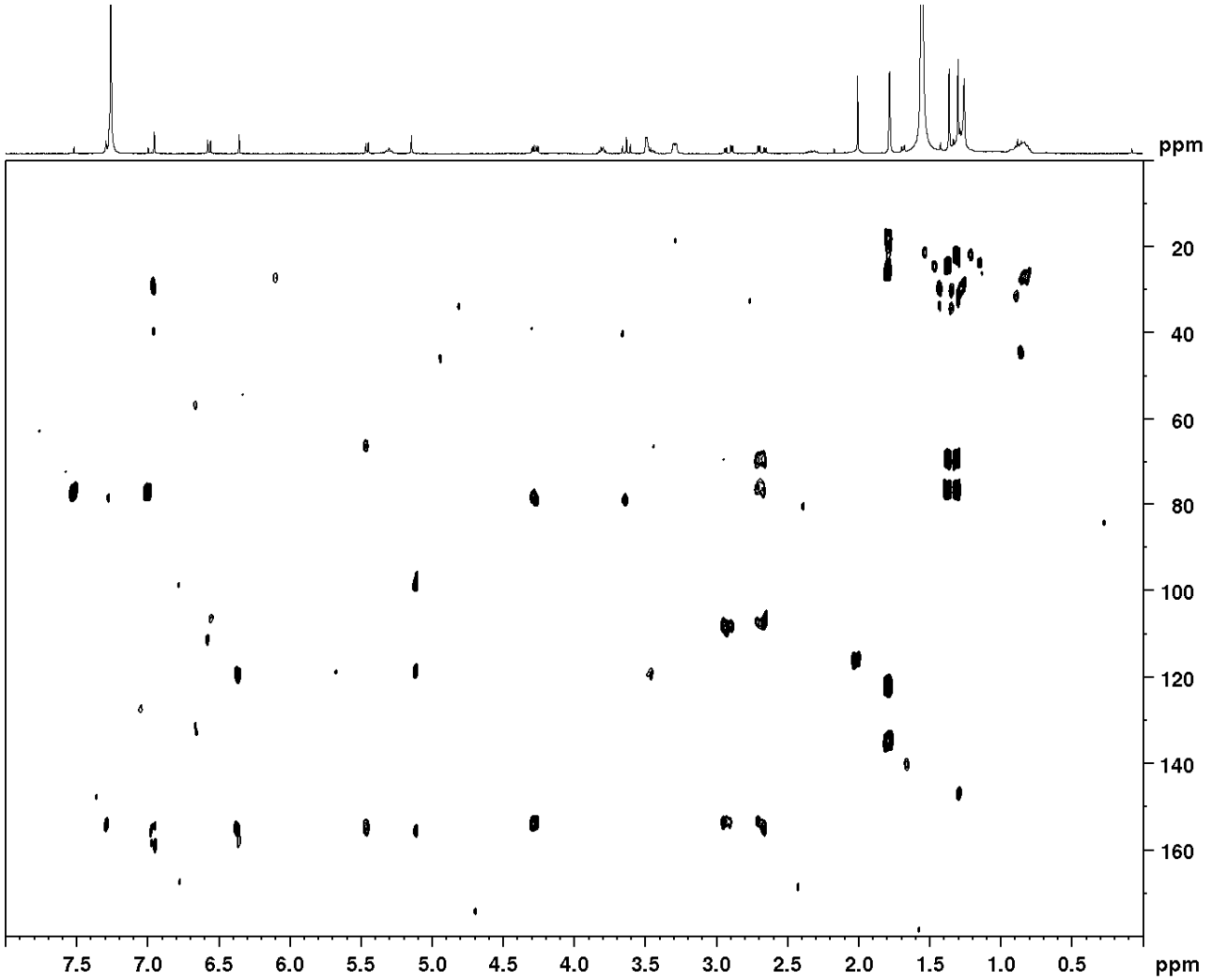
^{1}H NMR spectrum of bituminarin A (**1**) (400 MHz, $CDCl_3$)



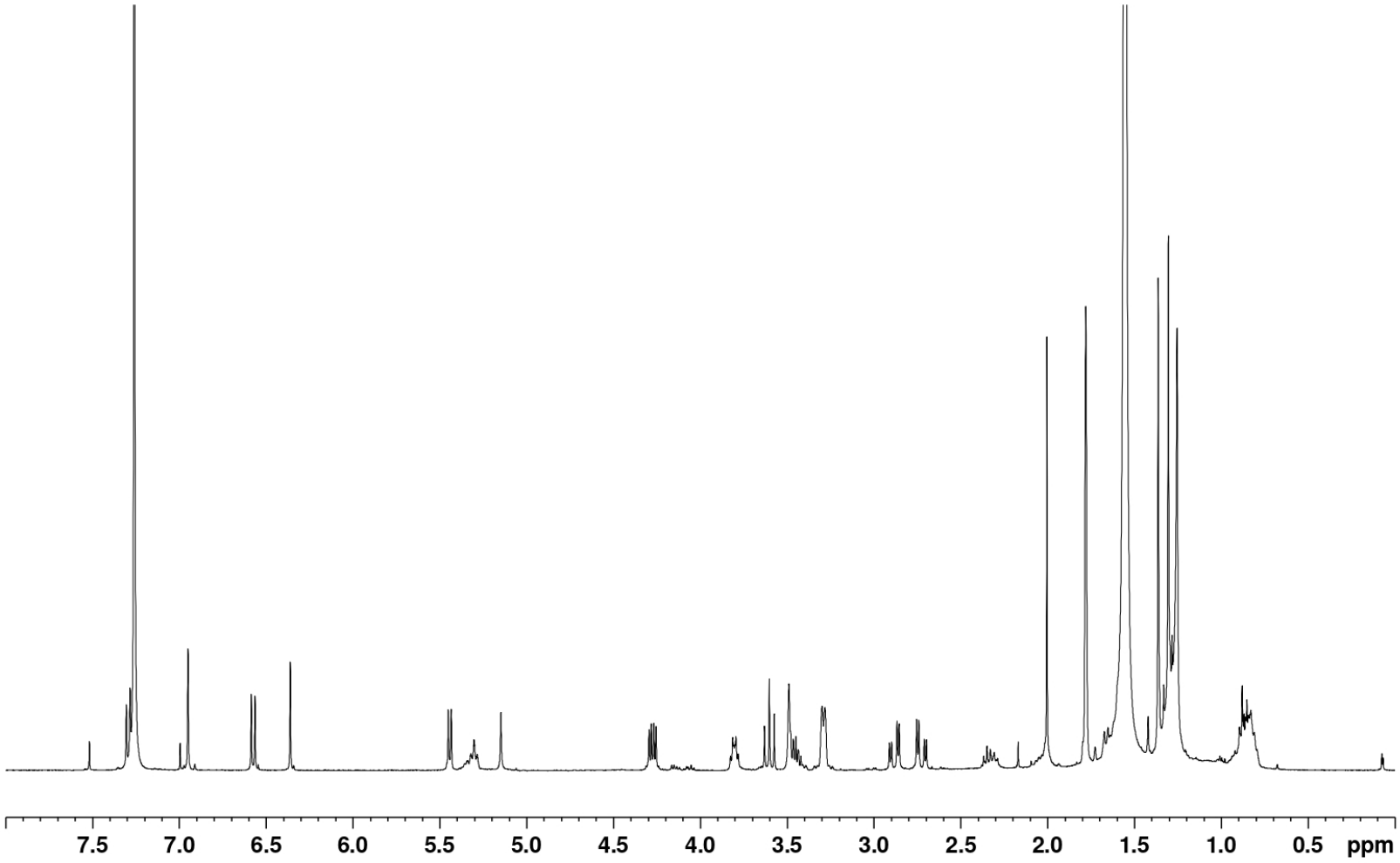
COSY spectrum of bituminarin A (**1**) (400 MHz, $CDCl_3$)



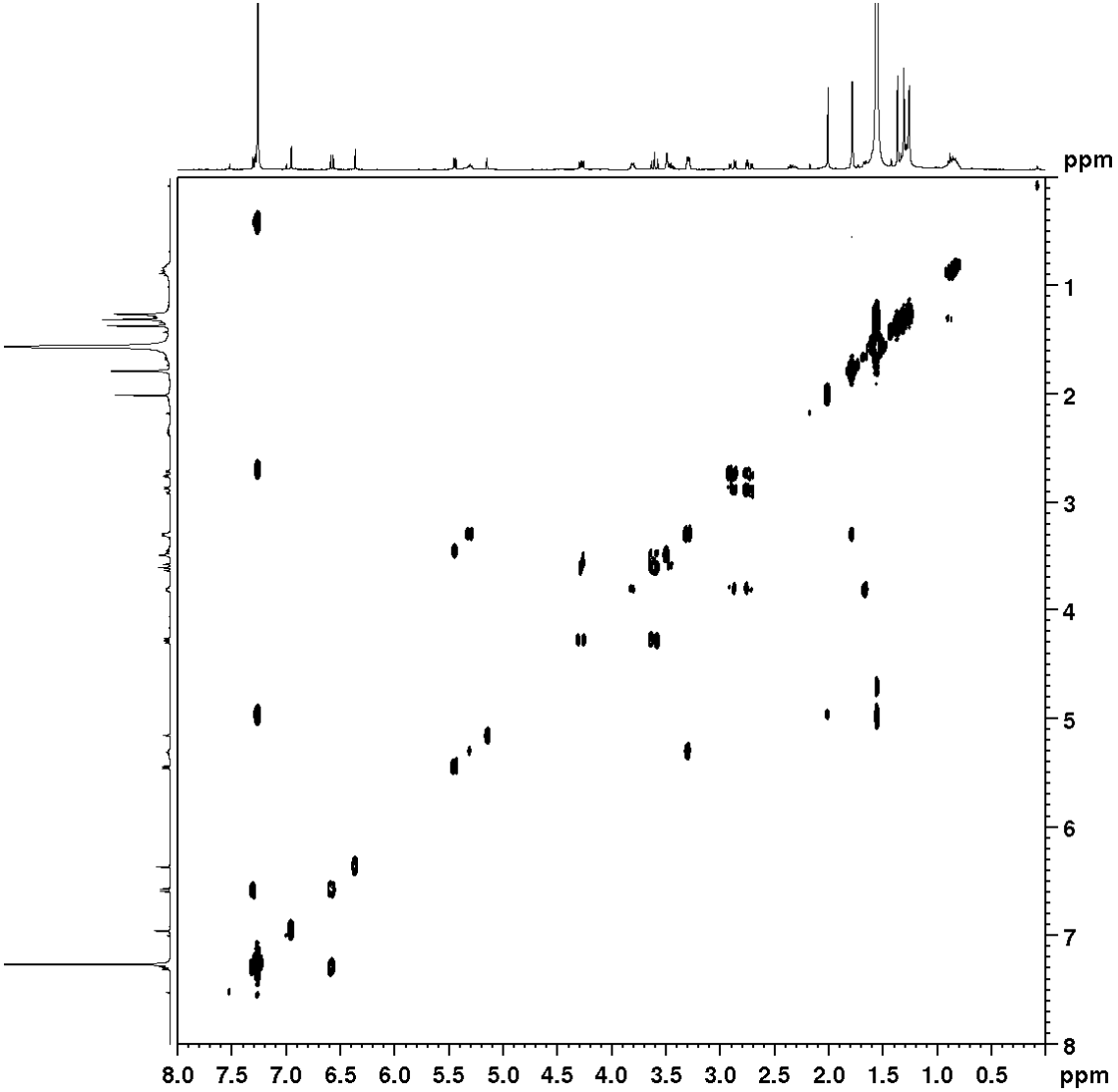
ed-HSQC spectrum of bituminarin A (**1**) (400 MHz, $CDCl_3$)



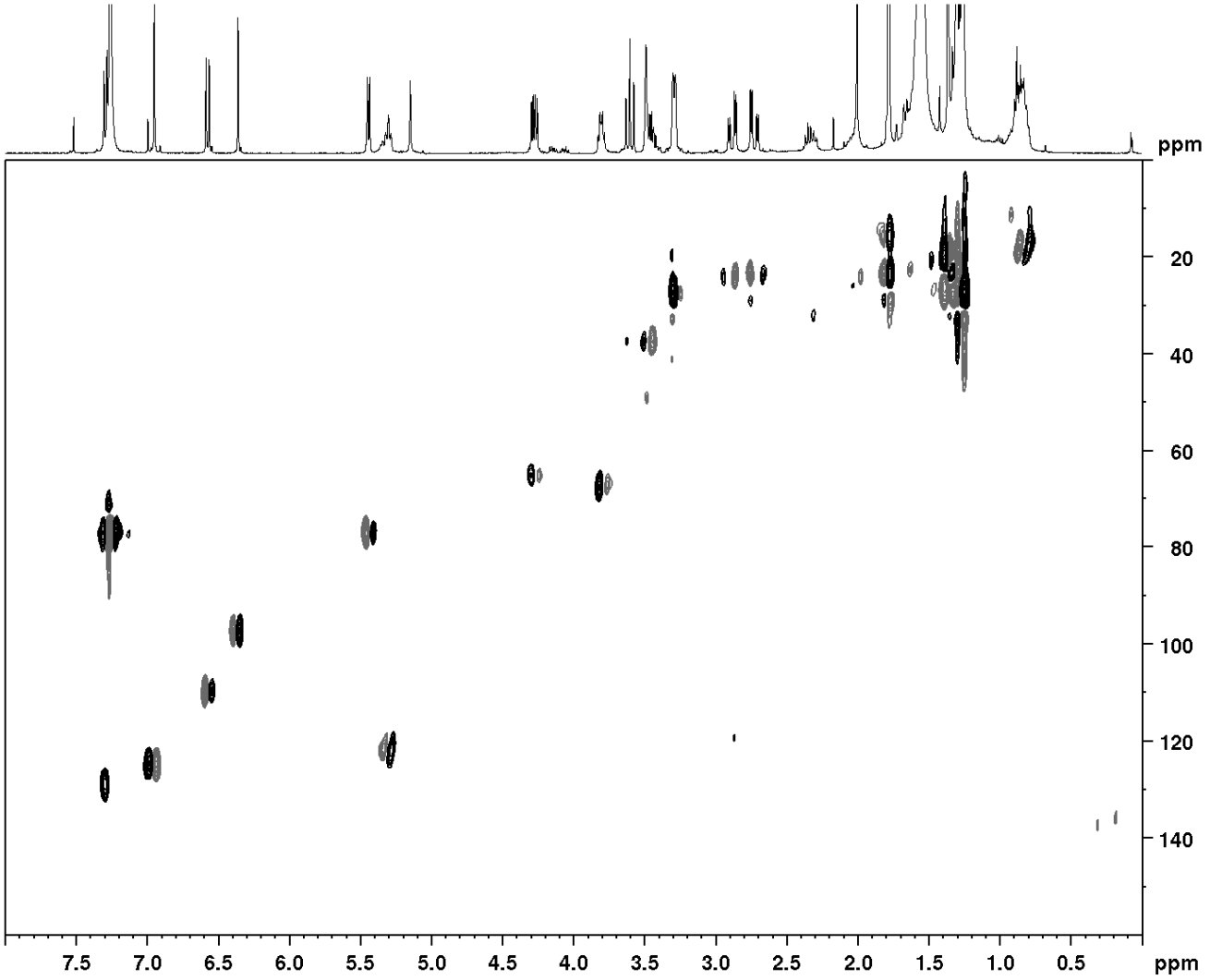
HMBC spectrum of bituminarin A (**1**) (400 MHz, $CDCl_3$)



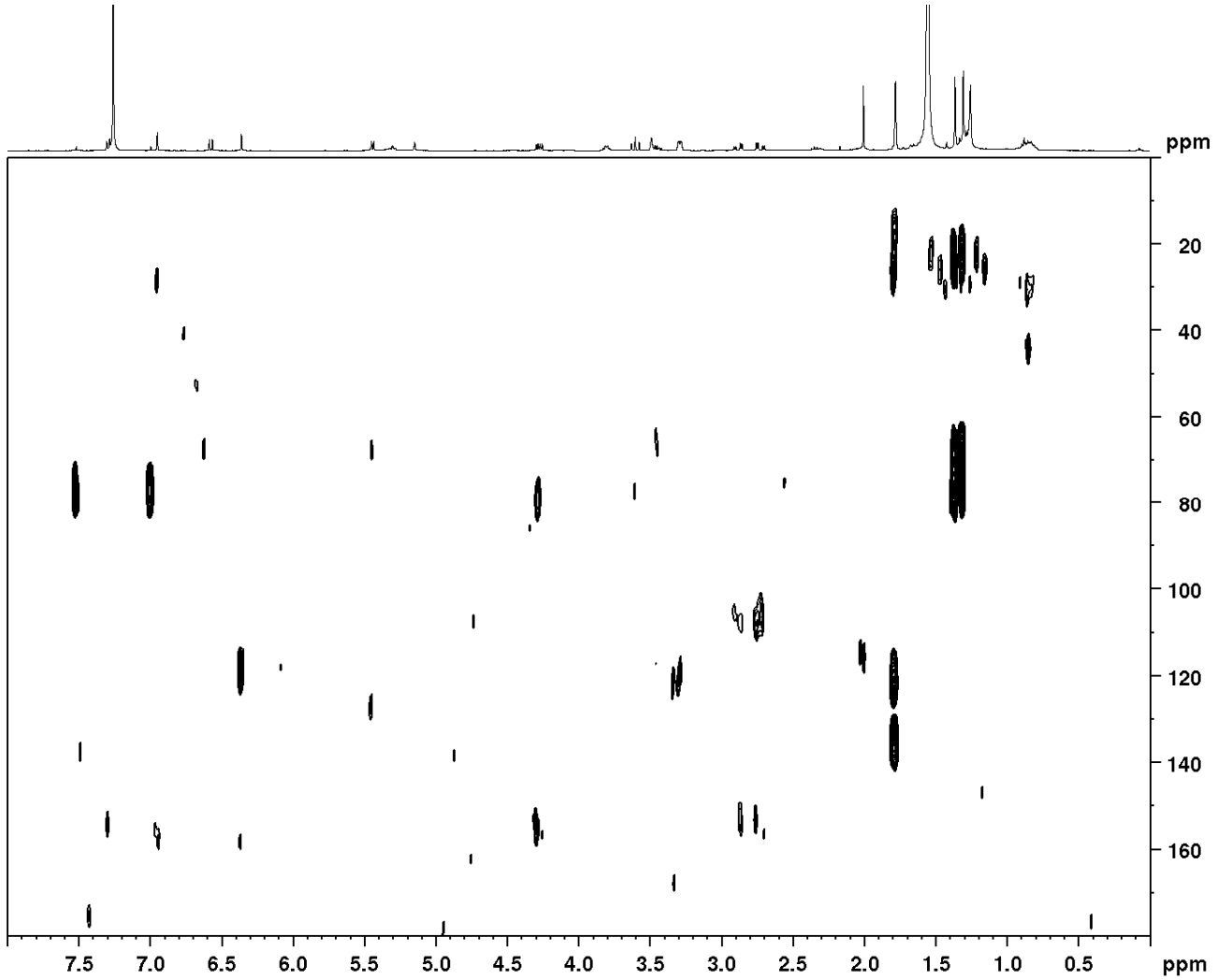
^{1}H NMR spectrum of bituminarin B (**2**) (400 MHz, $CDCl_3$)



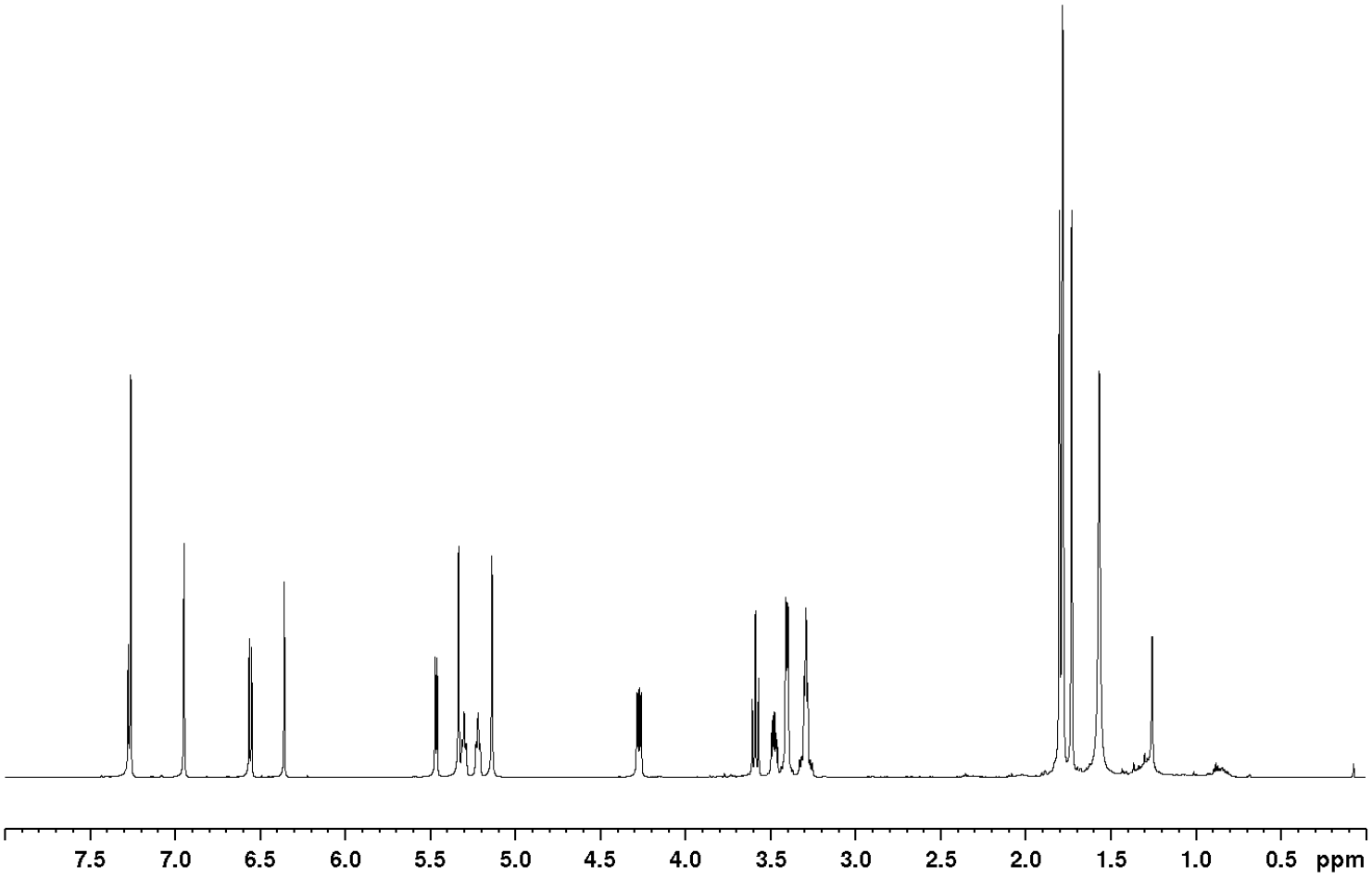
COSY spectrum of bituminarin B (**2**) (400 MHz, $CDCl_3$)



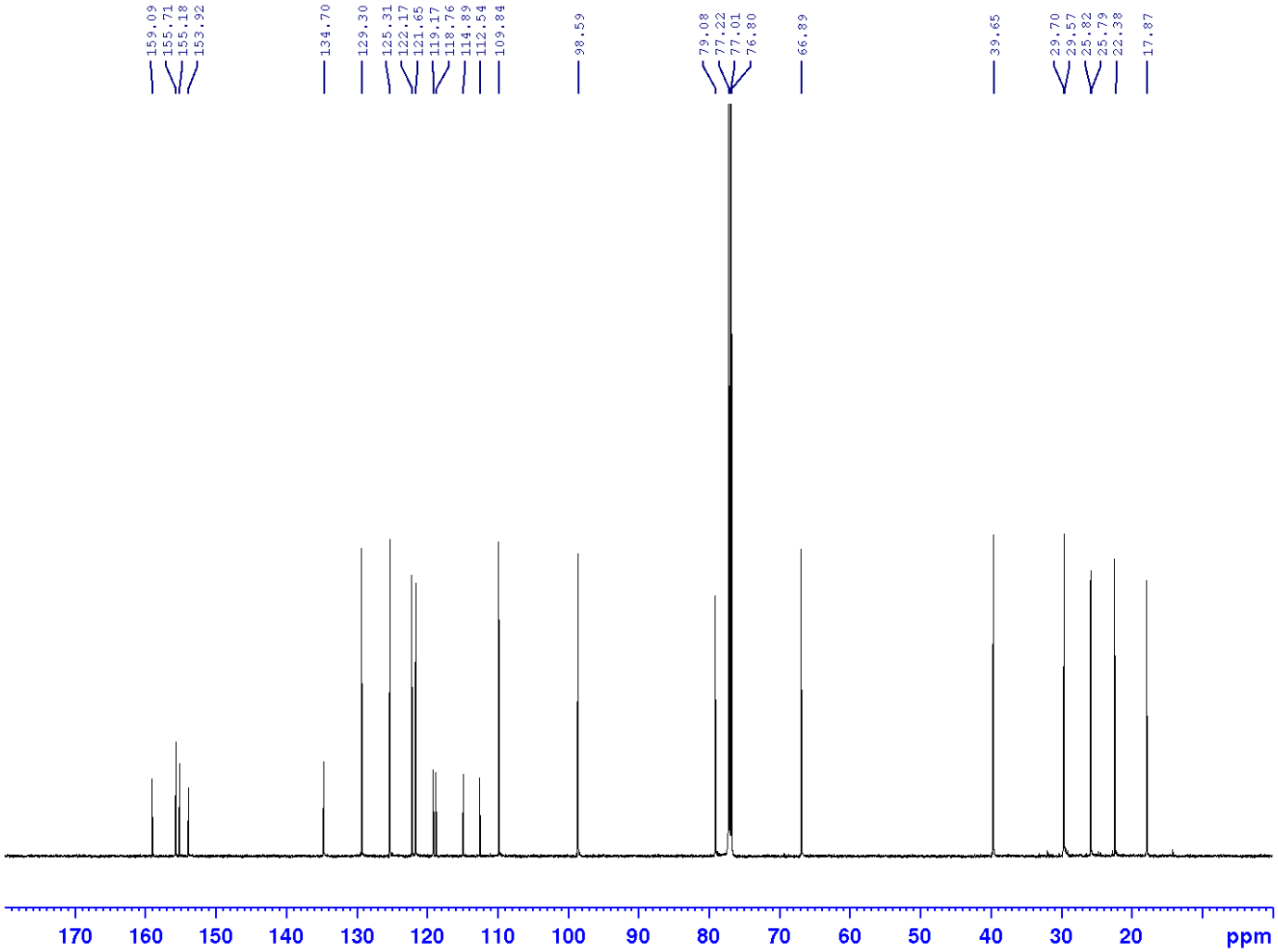
ed-HSQC spectrum of bituminarin B (**2**) (400 MHz, $CDCl_3$)



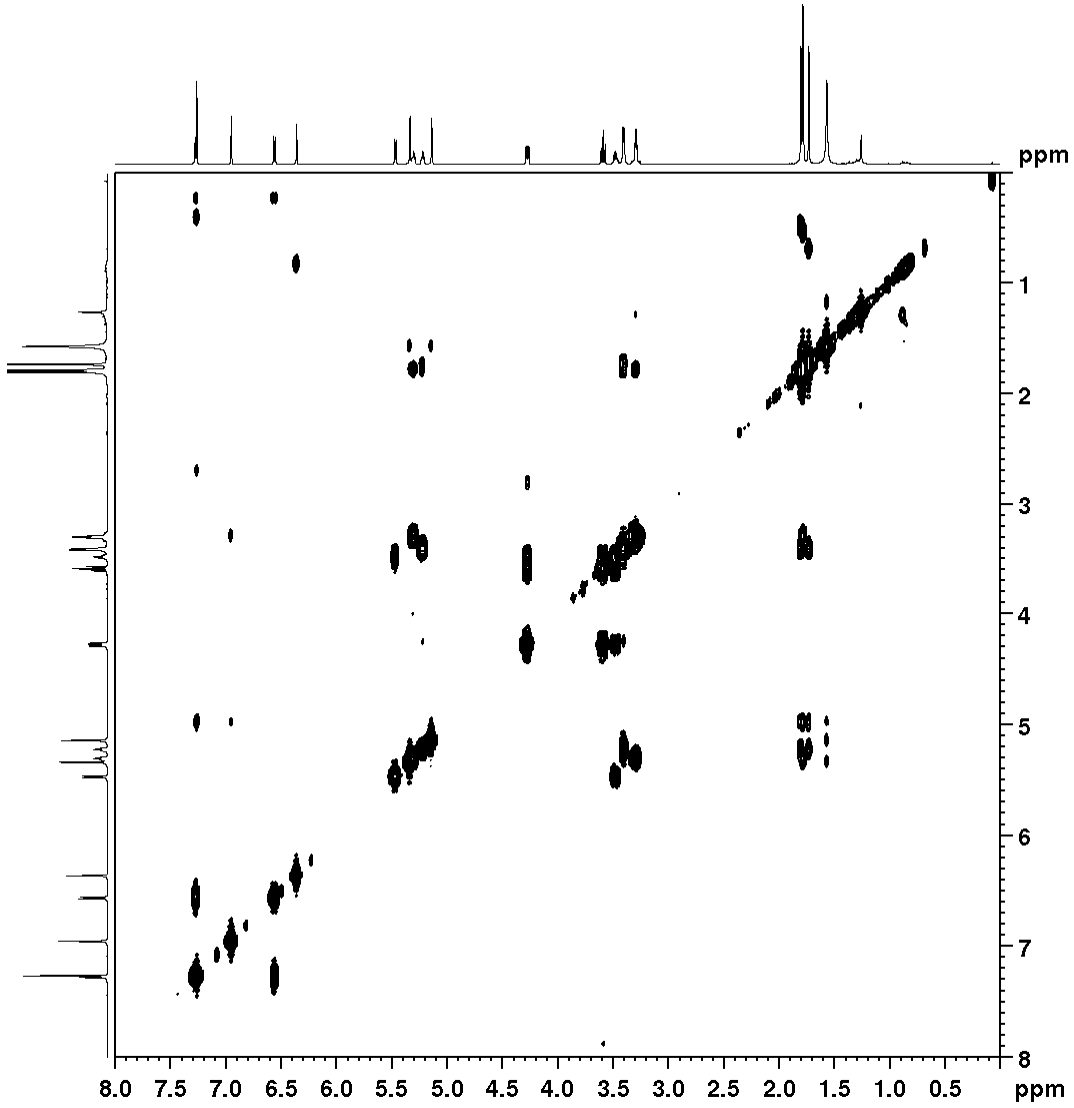
HMBC spectrum of bituminarin B (**2**) (400 MHz, $CDCl_3$)



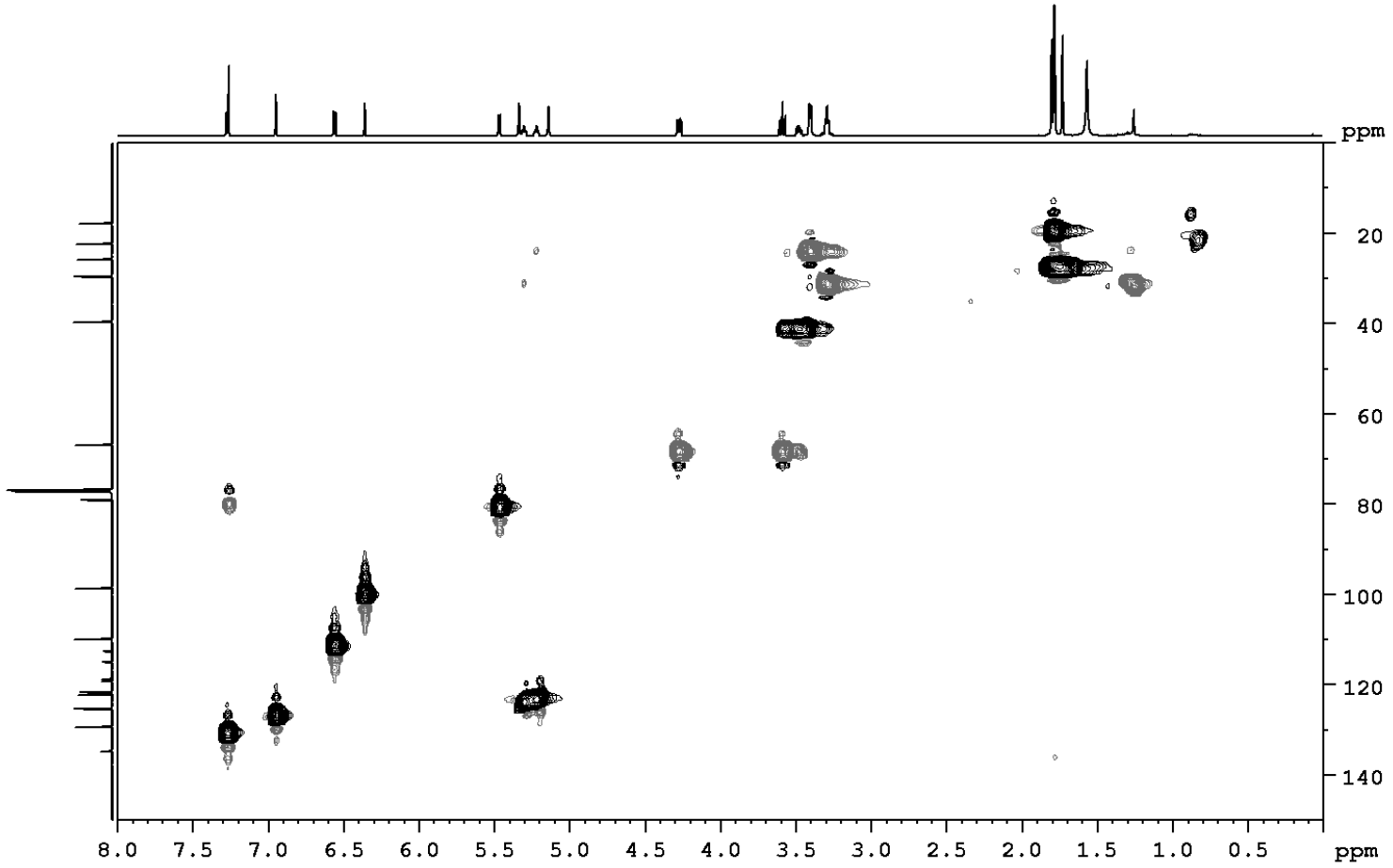
^{1}H NMR spectrum of erybraedin C (**5**) (600 MHz, $CDCl_3$)



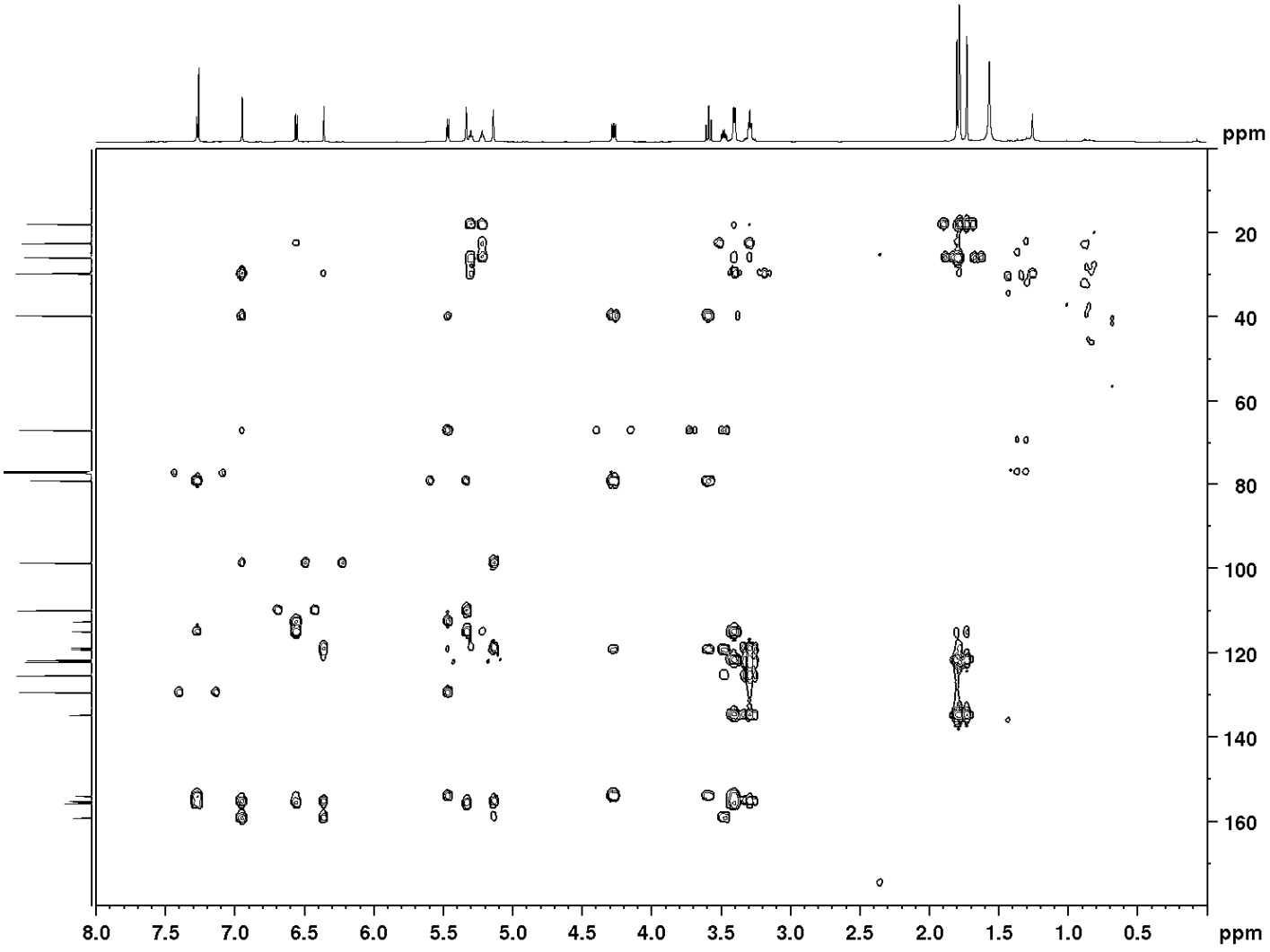
^{13}C NMR spectrum of erybraedin C (**5**) (150 MHz, $CDCl_3$)



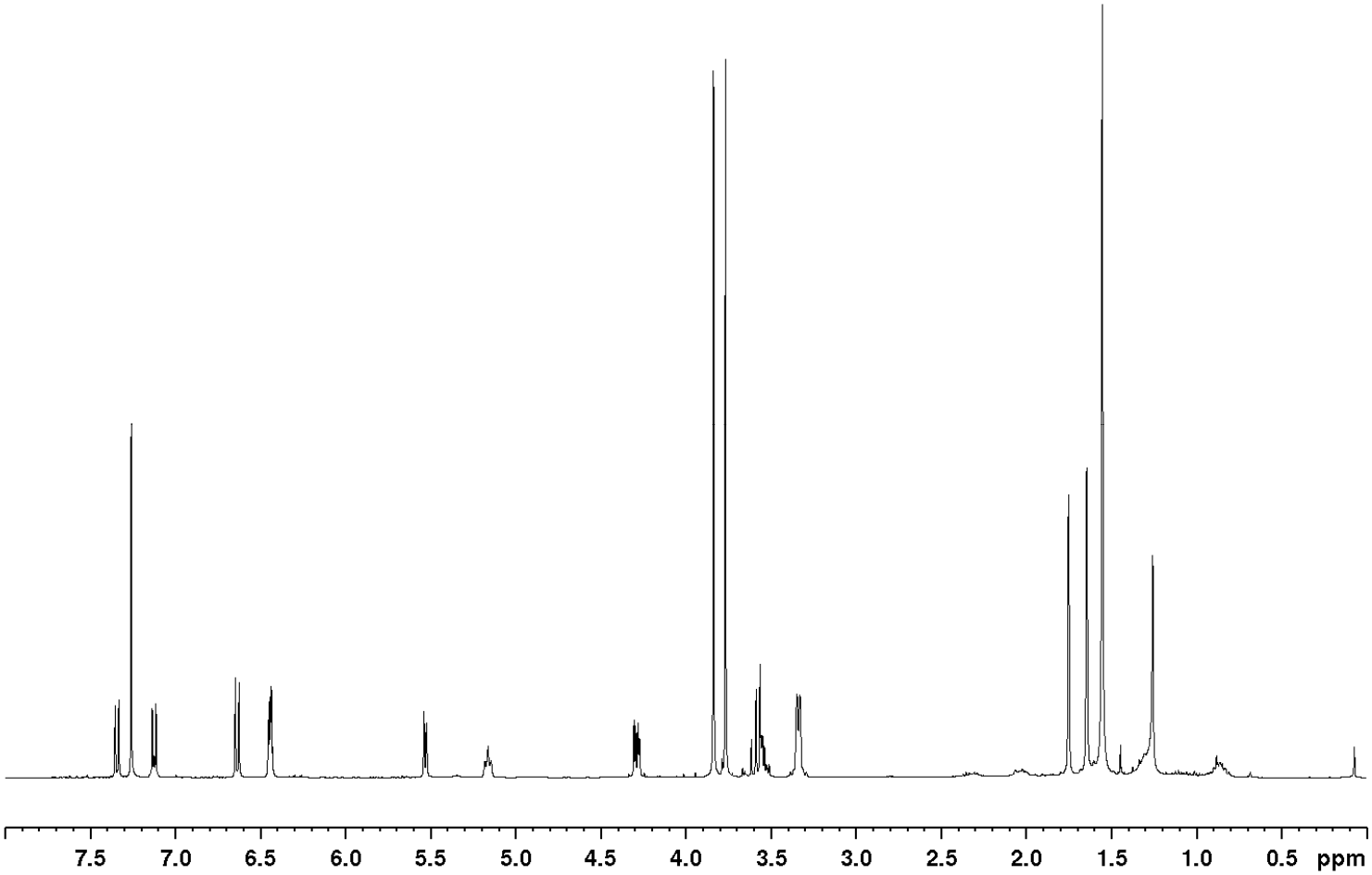
COSY spectrum of erybraedin C (**5**) (600 MHz, $CDCl_3$)



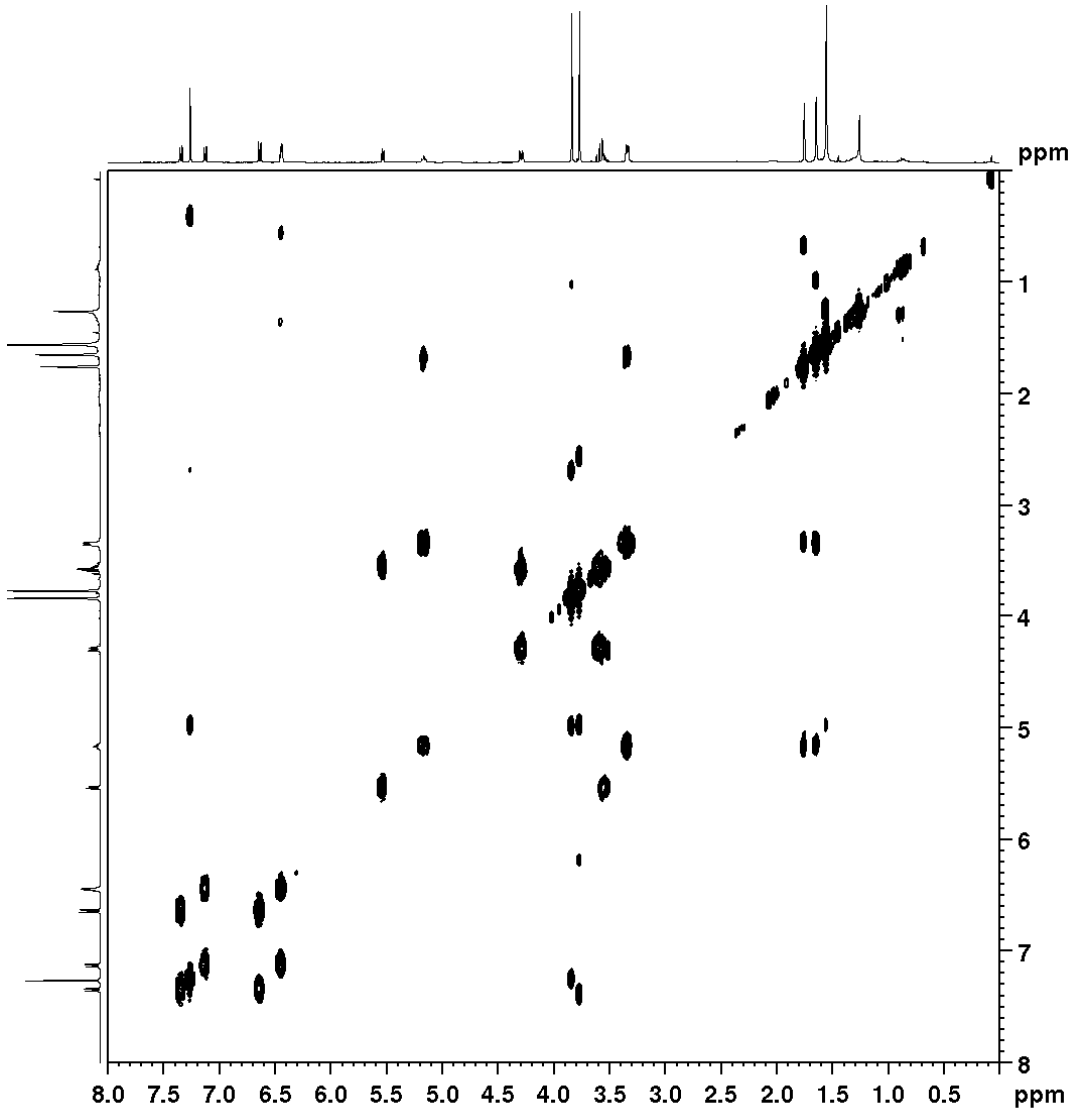
ed-HSQC spectrum of erybraedin C (**5**) (600 MHz, $CDCl_3$)



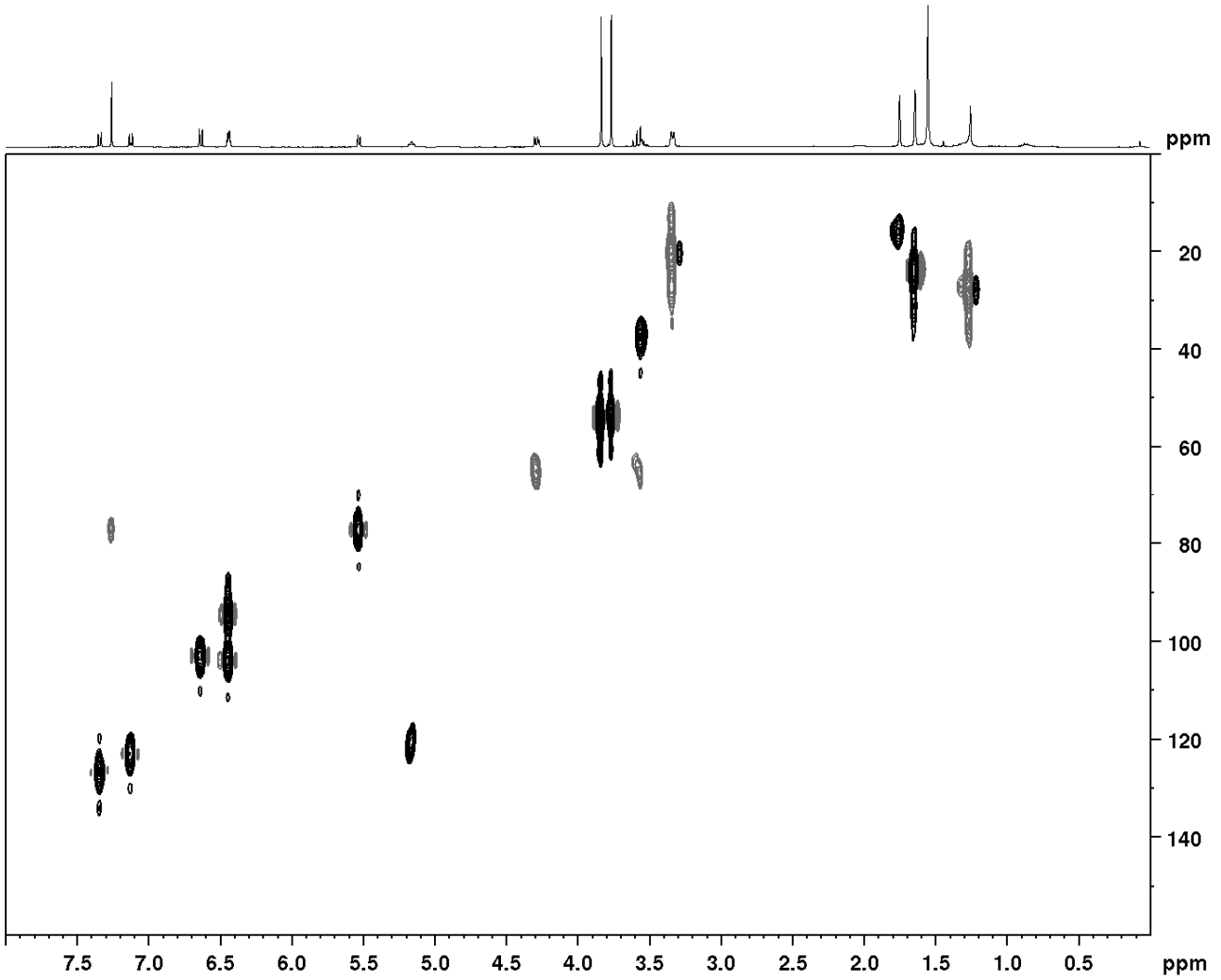
HMBC spectrum of erybraedin C (**5**) (600 MHz, $CDCl_3$)



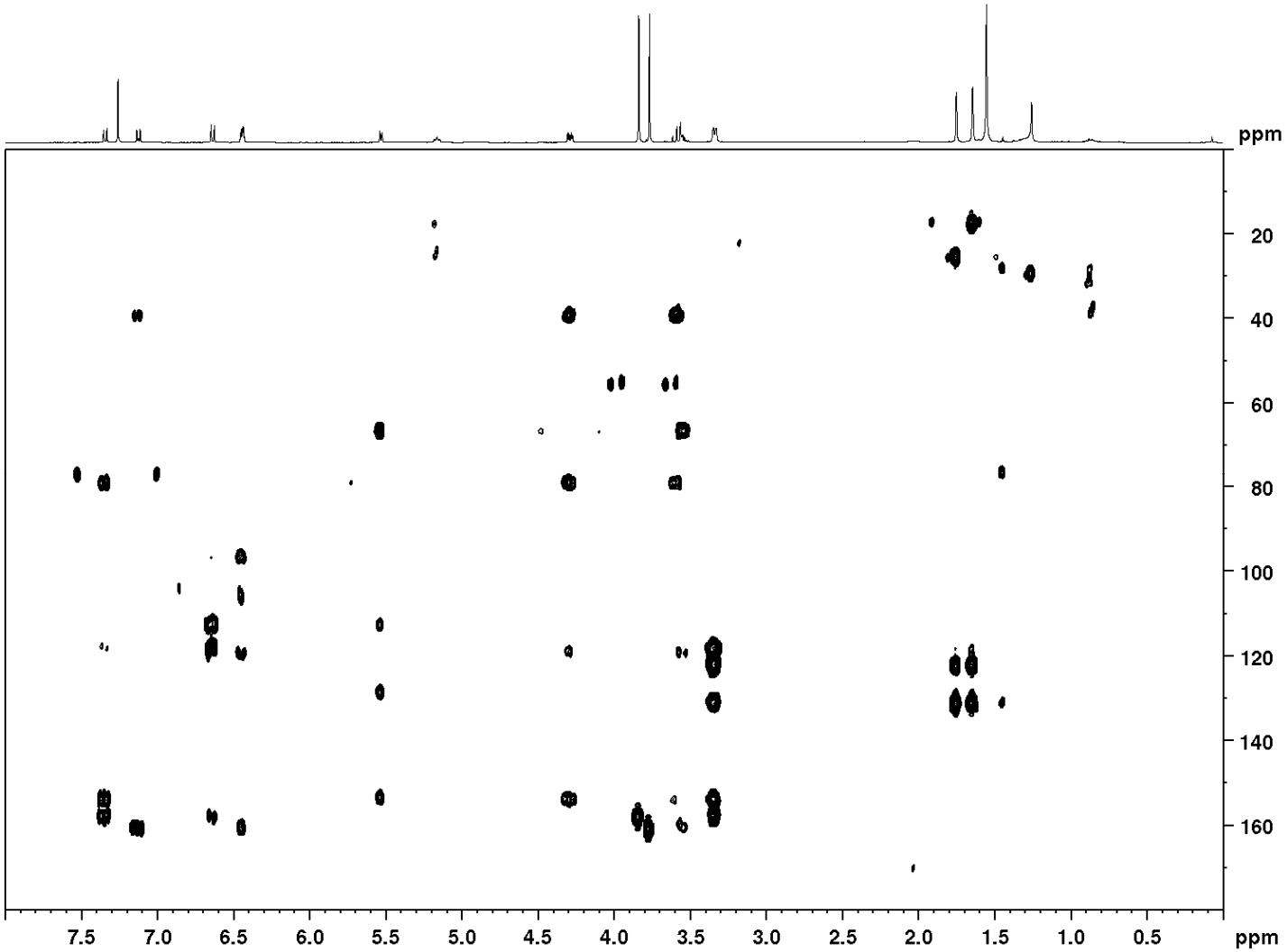
^{1}H NMR spectrum of bitucarpin A (**4**) (400 MHz, $CDCl_3$)



COSY spectrum of bitucarpin A (**4**) (400 MHz, $CDCl_3$)



ed-HSQC spectrum of bitucarpin A (**4**) (400 MHz, $CDCl_3$)



HMBC spectrum of bitucarpin A (**4**) (400 MHz, $CDCl_3$