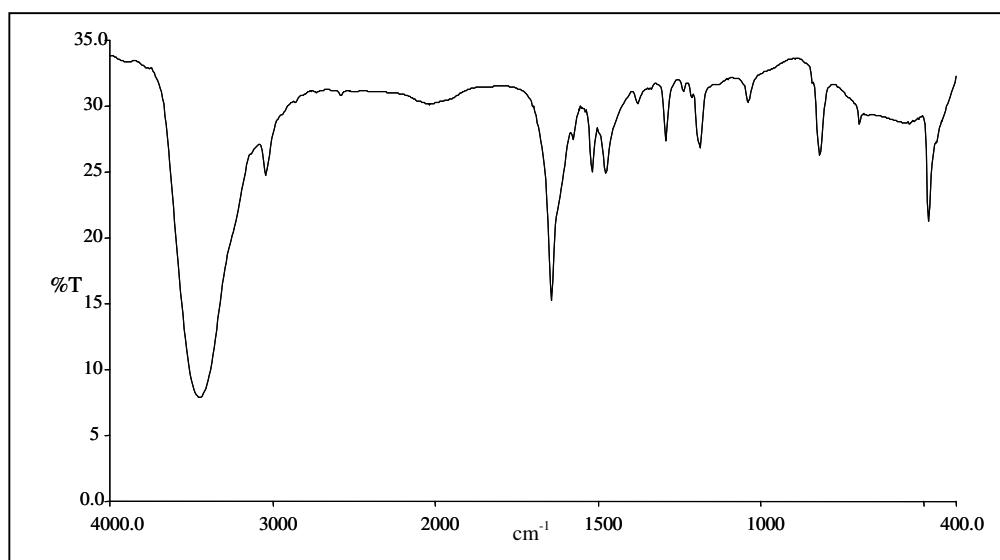
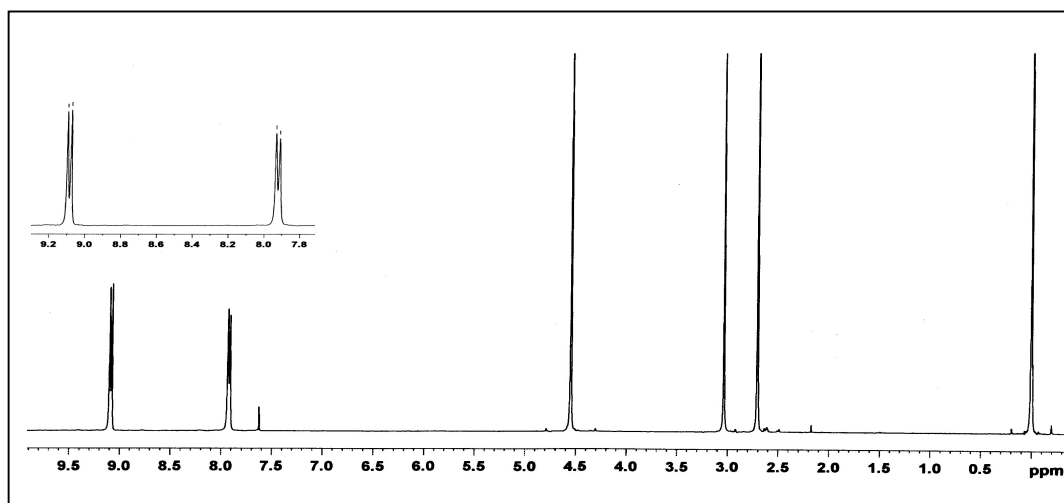


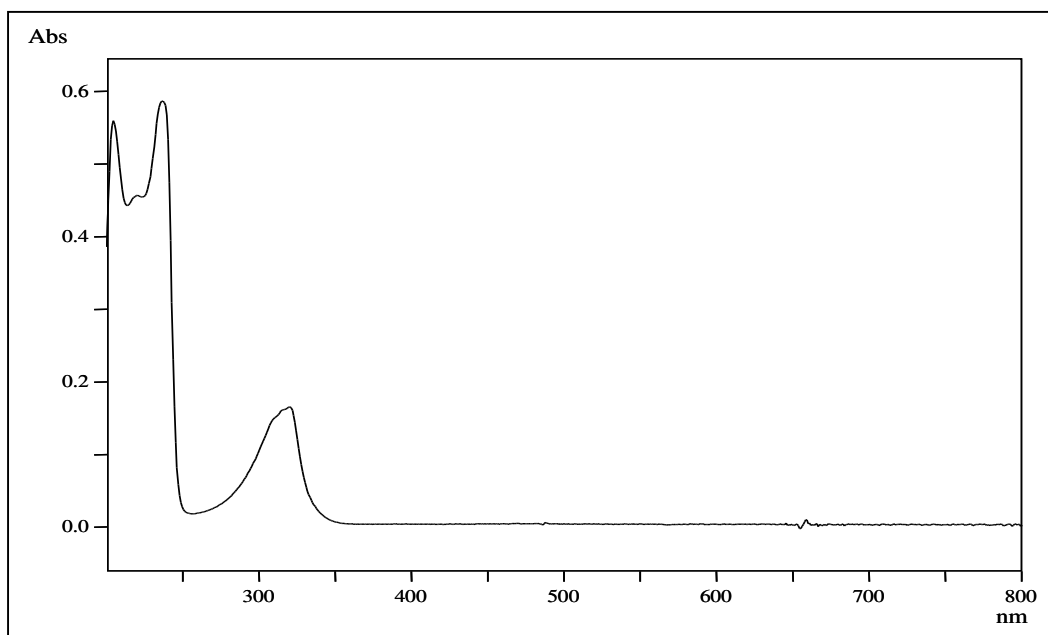
**Figure 25** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B2A**



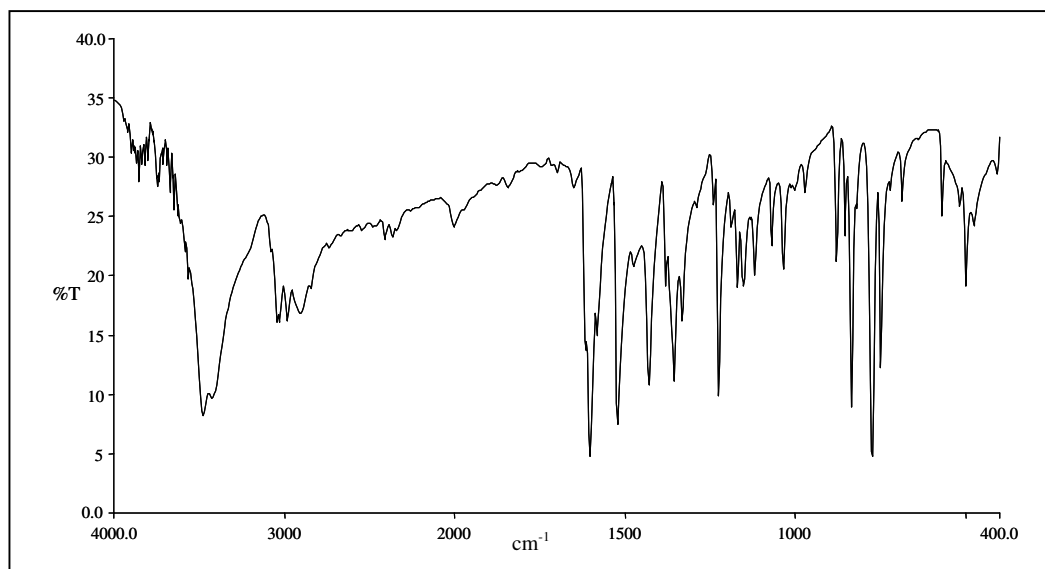
**Figure 26** FT-IR (KBr) spectrum of compound **B2A**



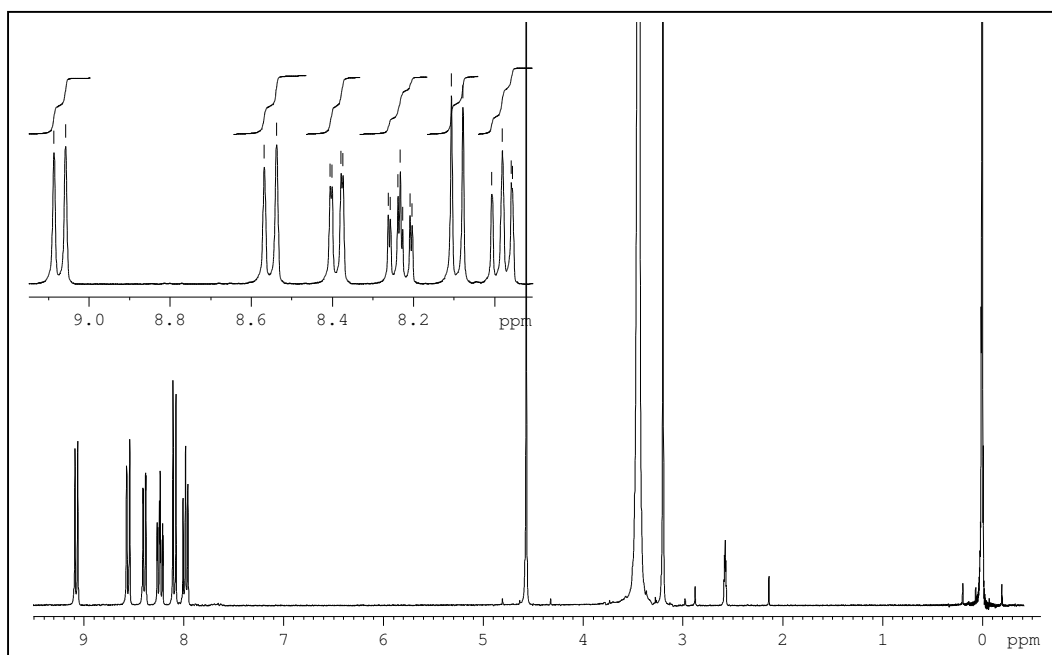
**Figure 27**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B2A**



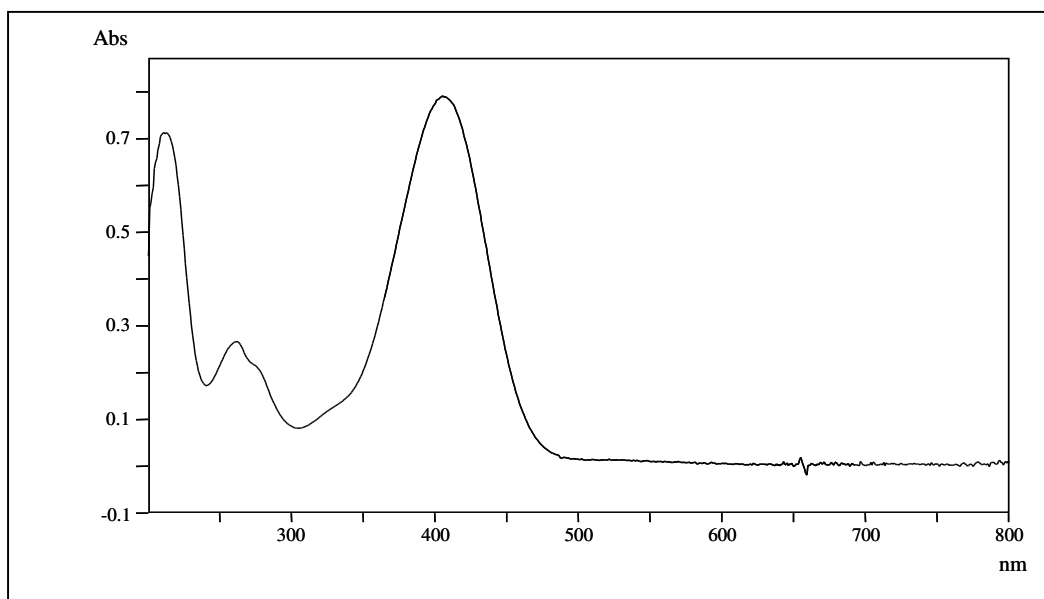
**Figure 28** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B2B**



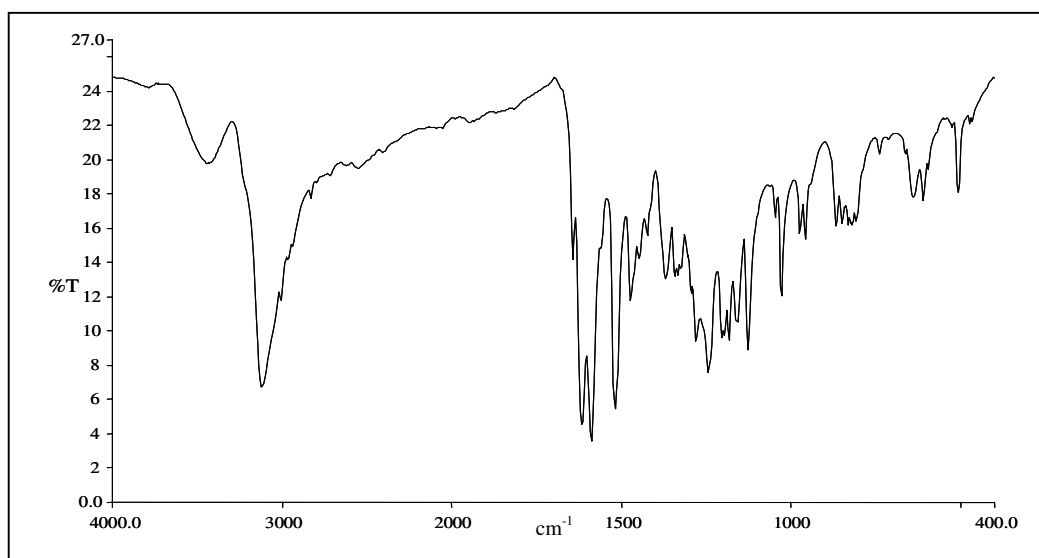
**Figure 29** FT-IR (KBr) spectrum of compound **B2B**



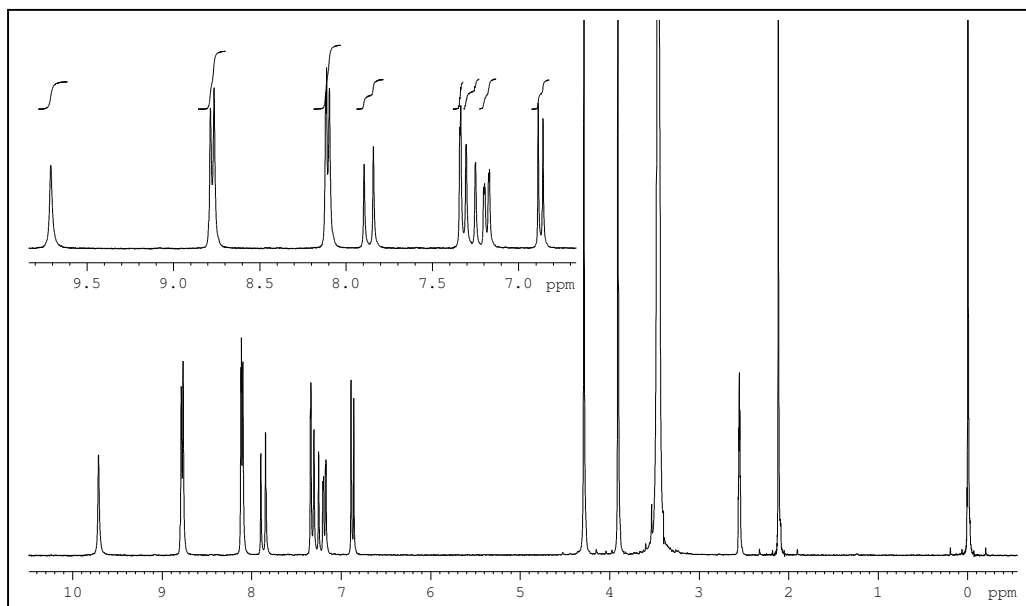
**Figure 30**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B2A**



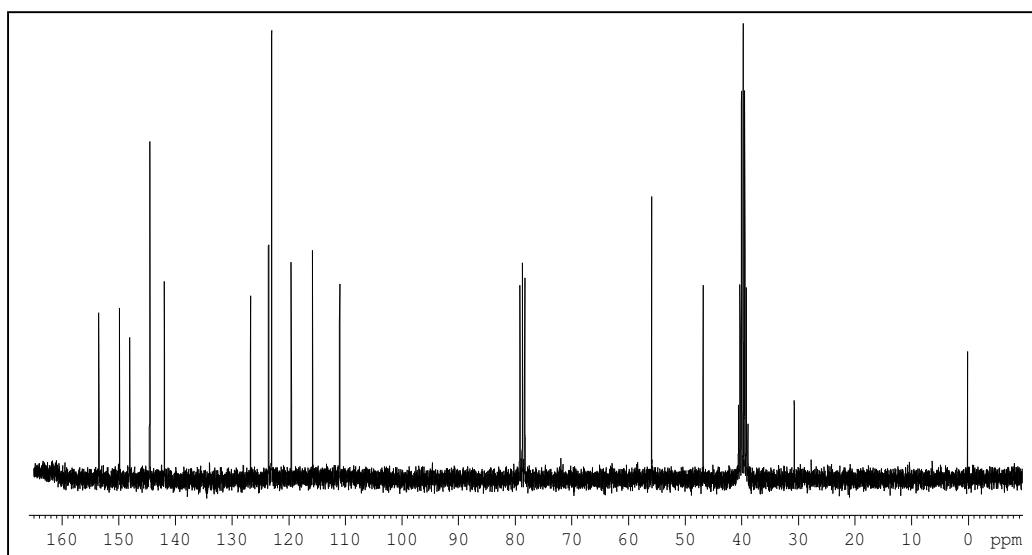
**Figure 31** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B3A**



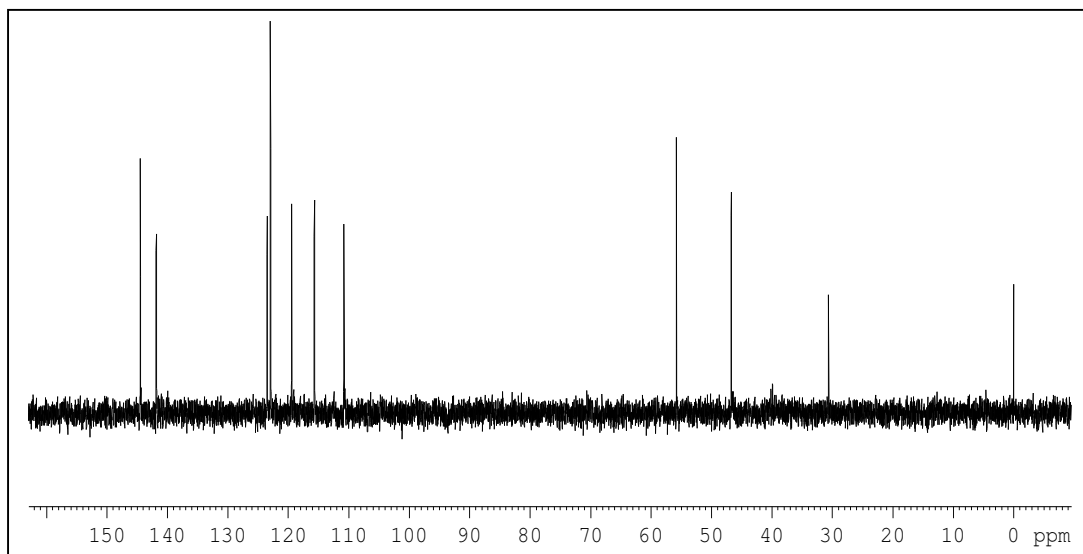
**Figure 32** FT-IR (KBr) spectrum of compound **B3A**



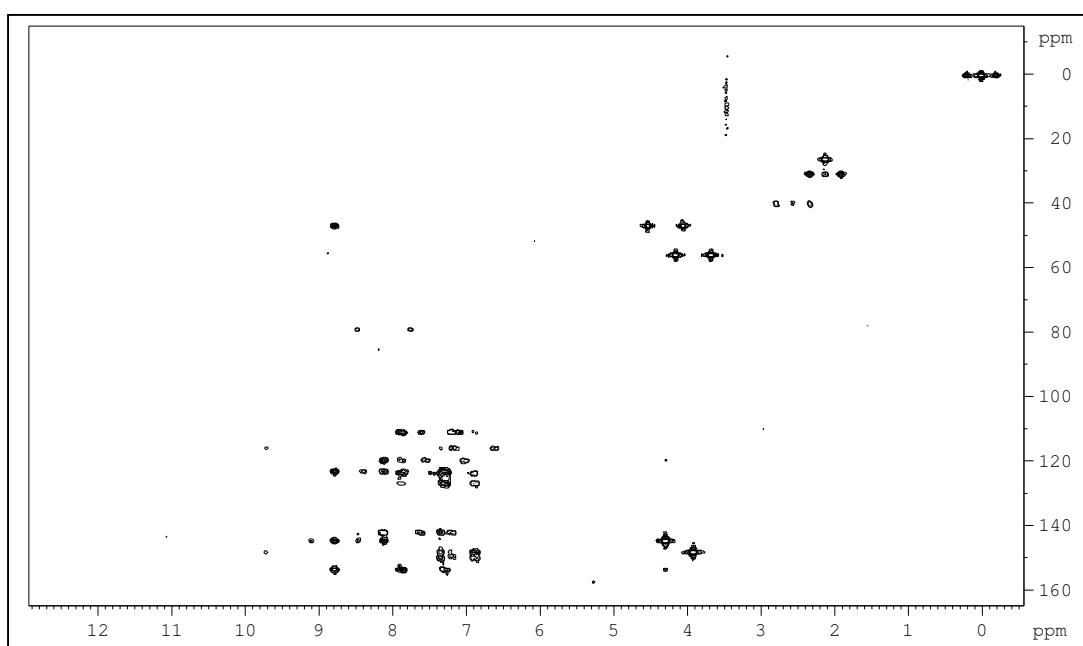
**Figure 33**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3A**



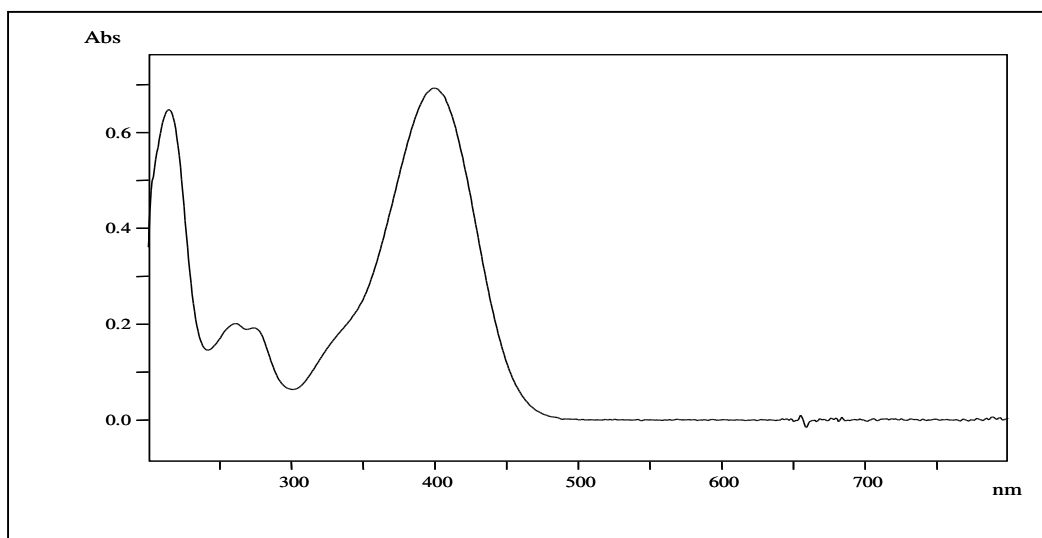
**Figure 34**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3A**



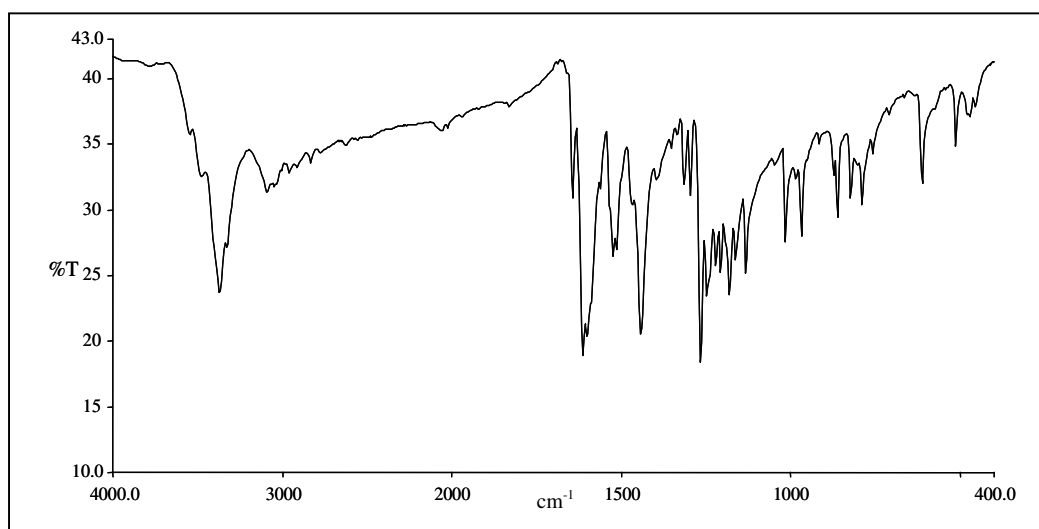
**Figure 35** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B3A**



**Figure 36** 2D HMBC spectrum of compound **B3A**

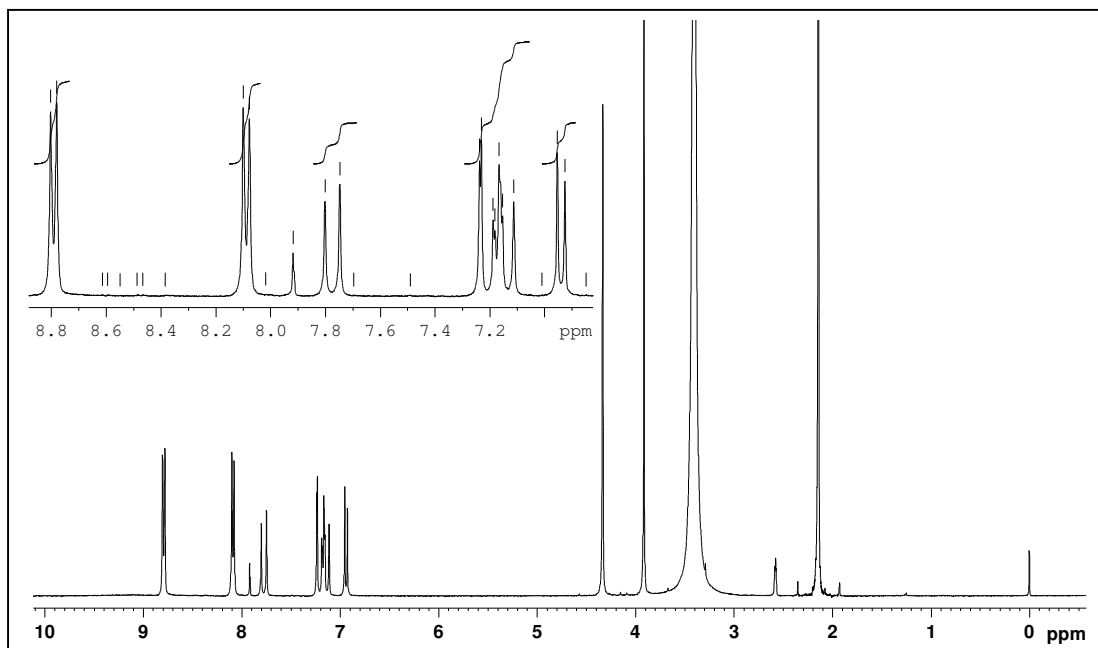


**Figure 37** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B4A**

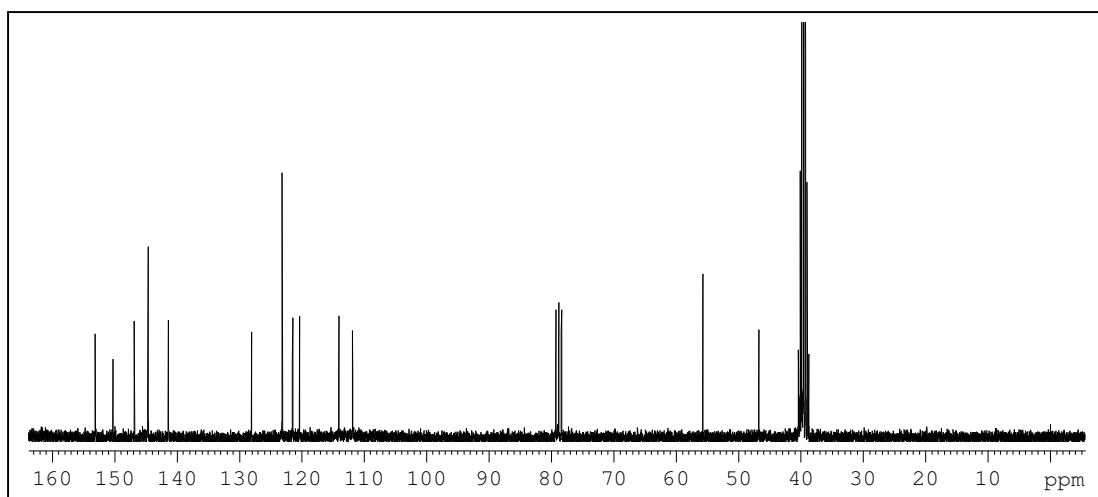


**Figure 38** FT-IR (KBr) spectrum of compound **B4A**

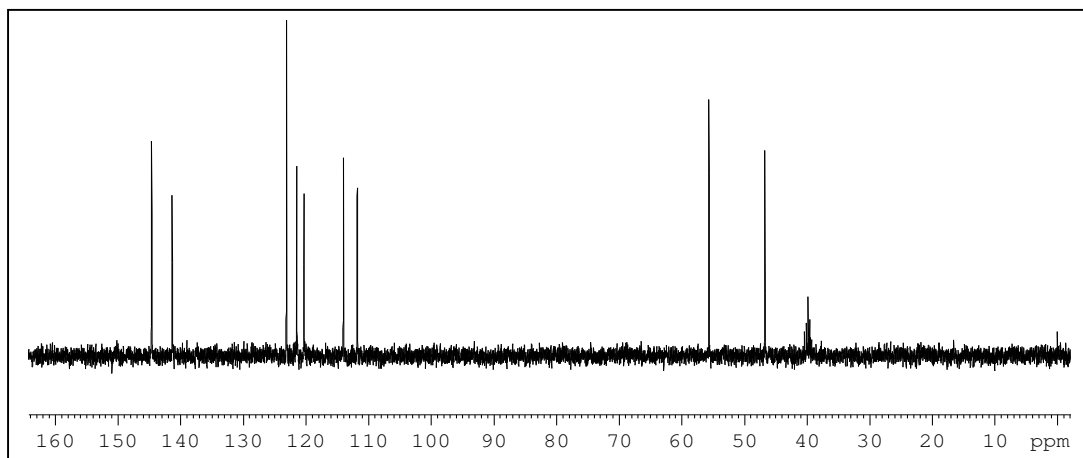




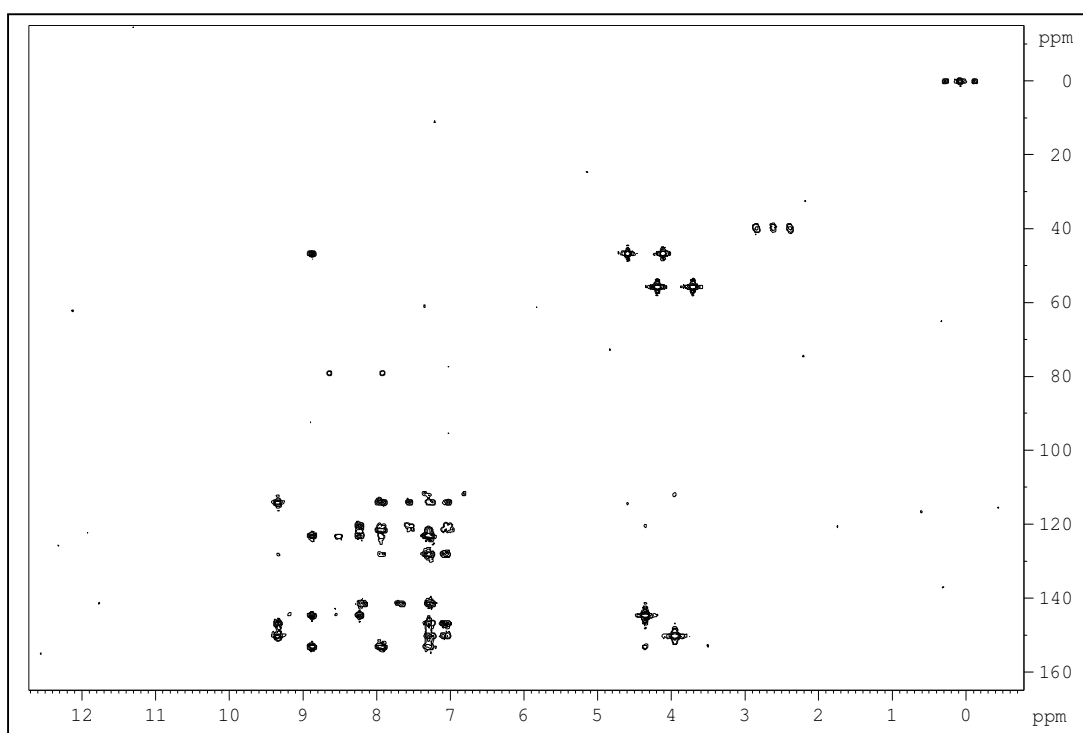
**Figure 39**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B4A**



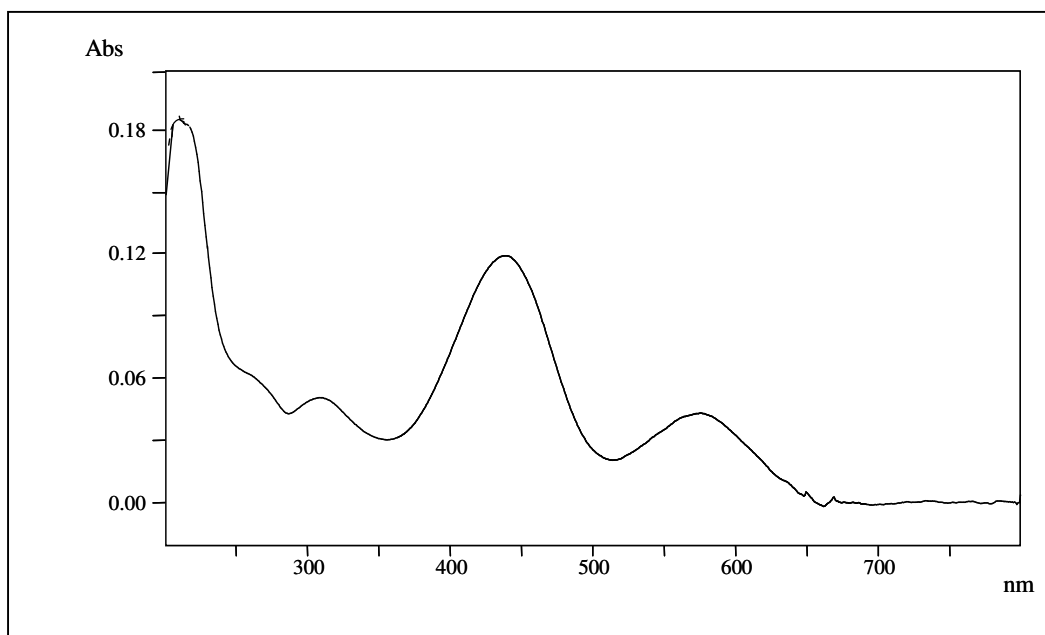
**Figure 40**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B4A**



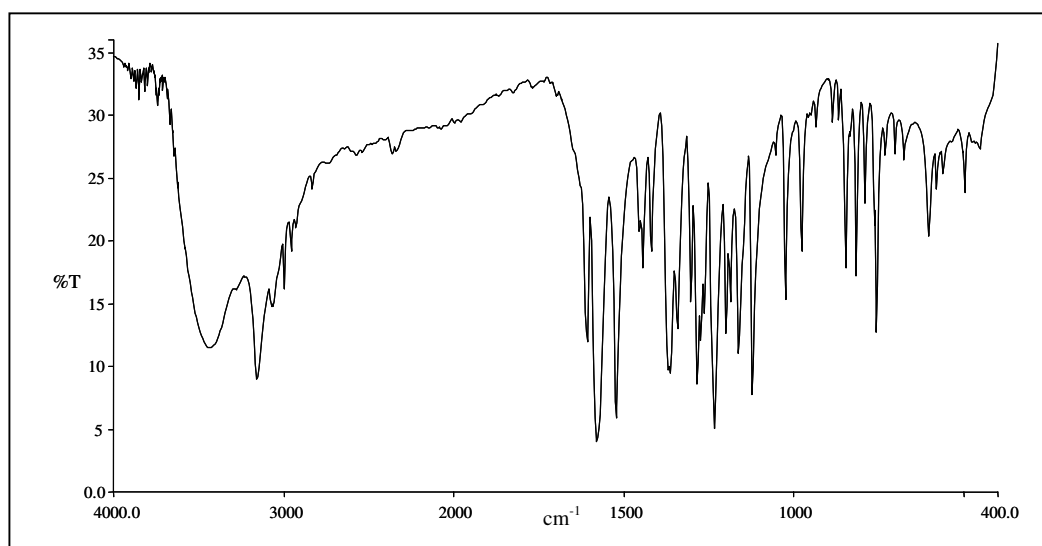
**Figure 41** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B4A**



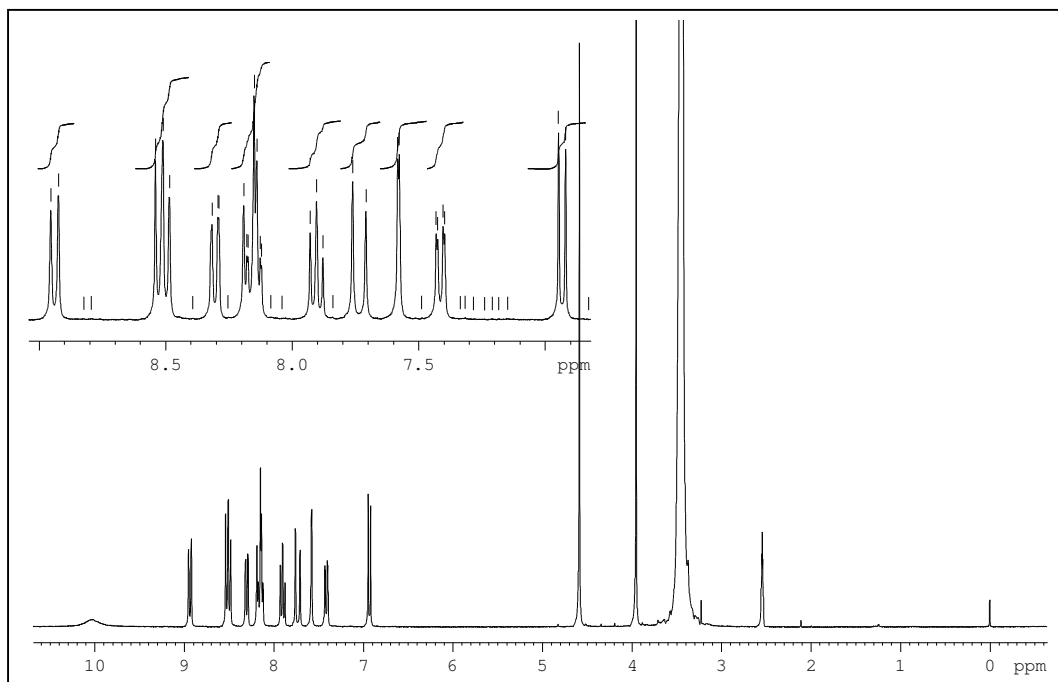
**Figure 42** 2D HMBC spectrum of compound **B4A**



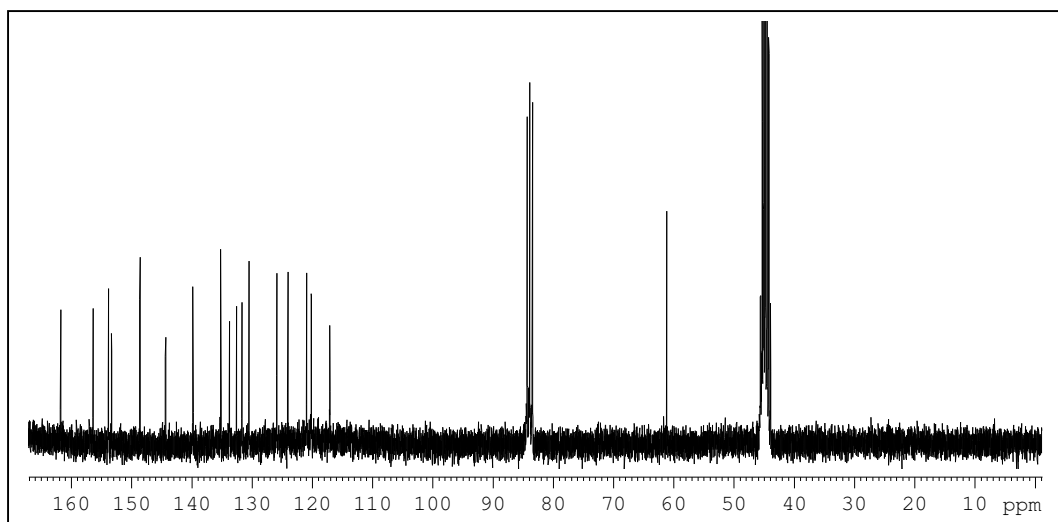
**Figure 43** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B3B**



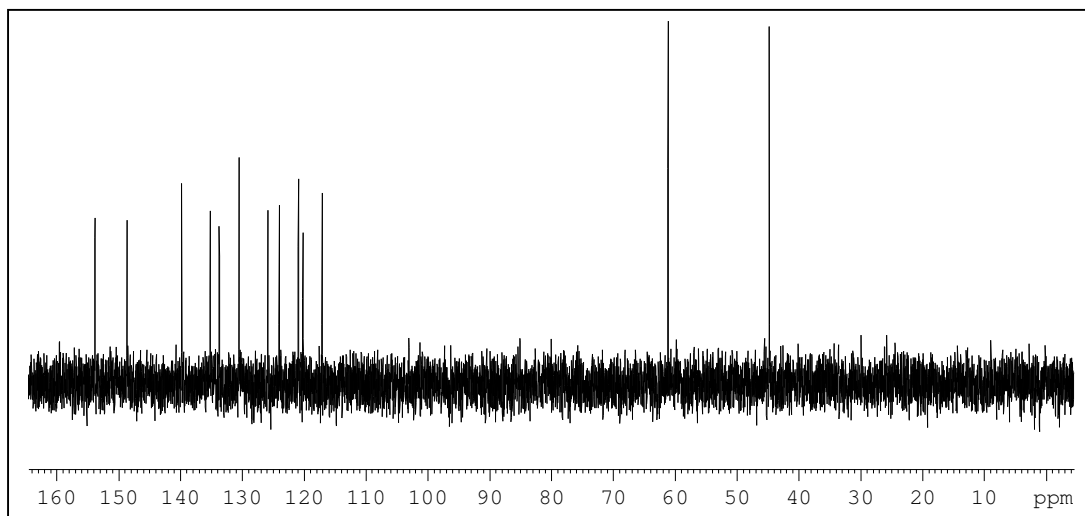
**Figure 44** FT-IR (KBr) spectrum of compound **B3B**



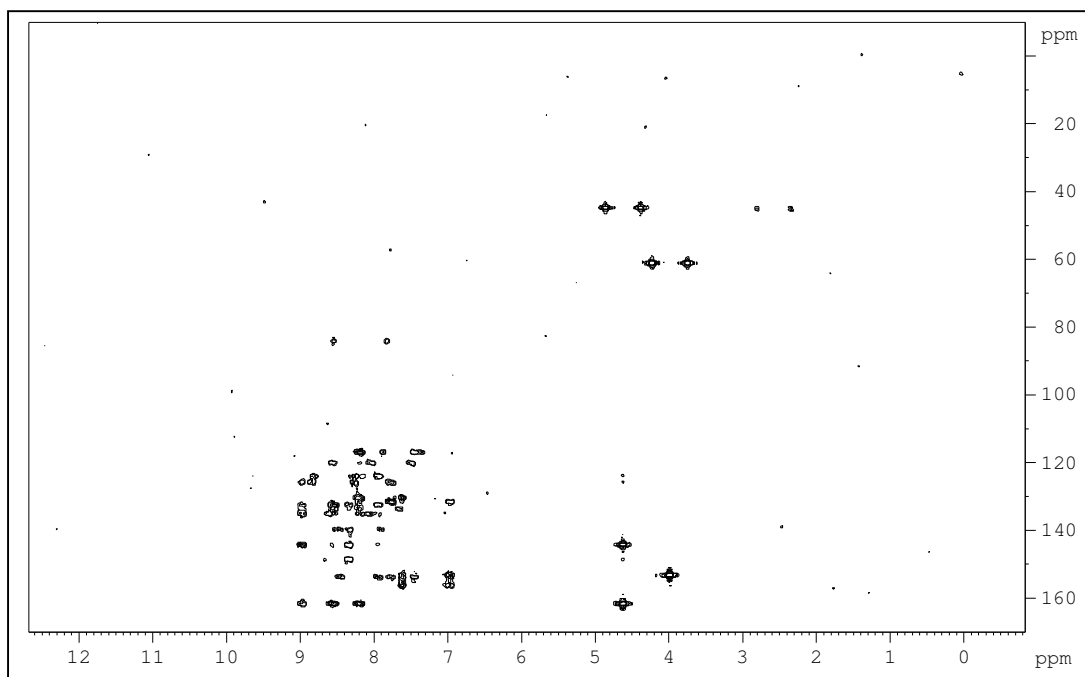
**Figure 45**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B3B**



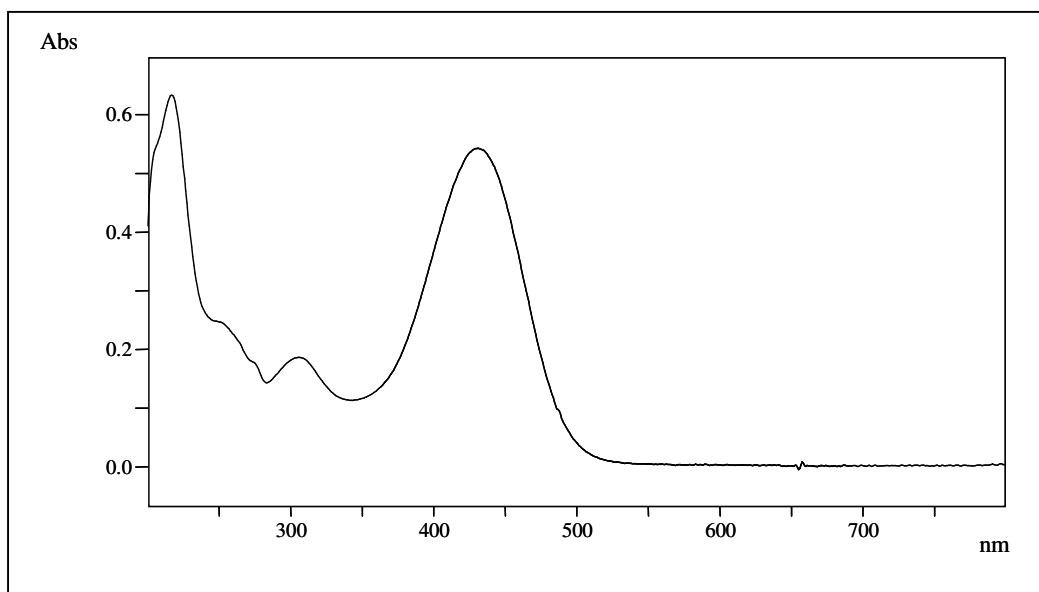
**Figure 46**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B3B**



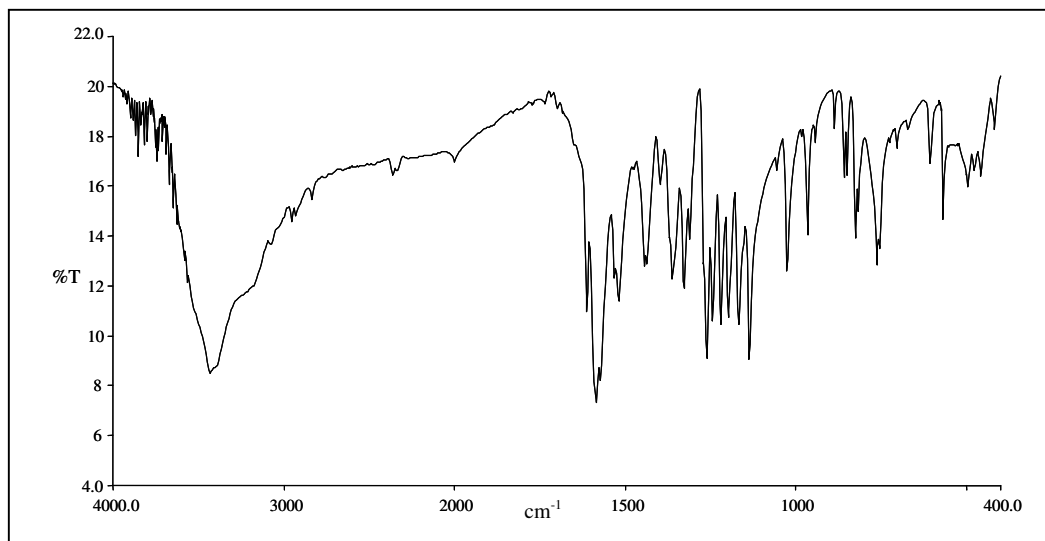
**Figure 47** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B3B**



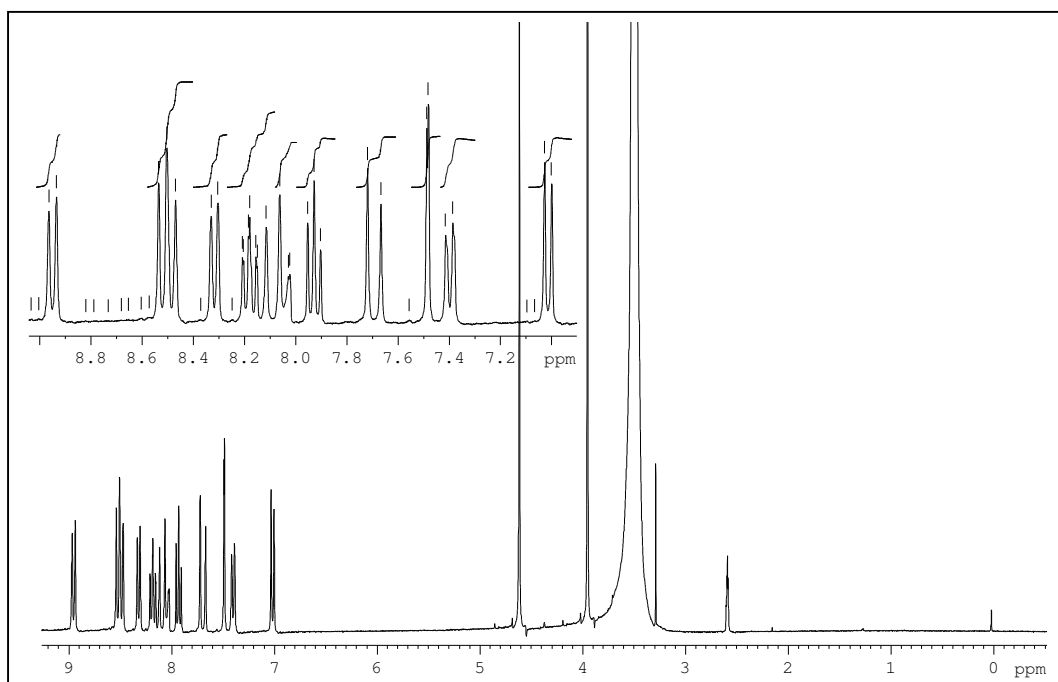
**Figure 48** 2D HMBC spectrum of compound **B3B**



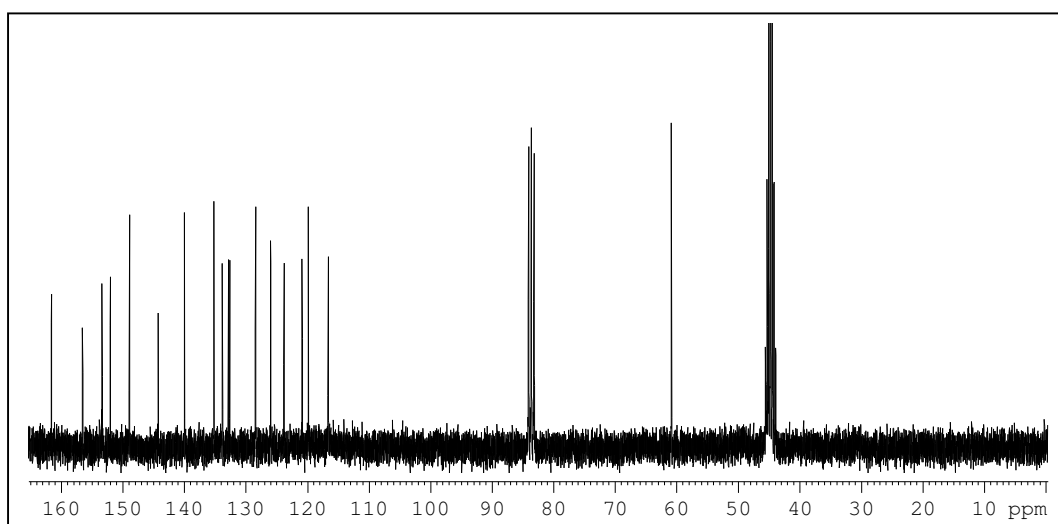
**Figure 49** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B4B**



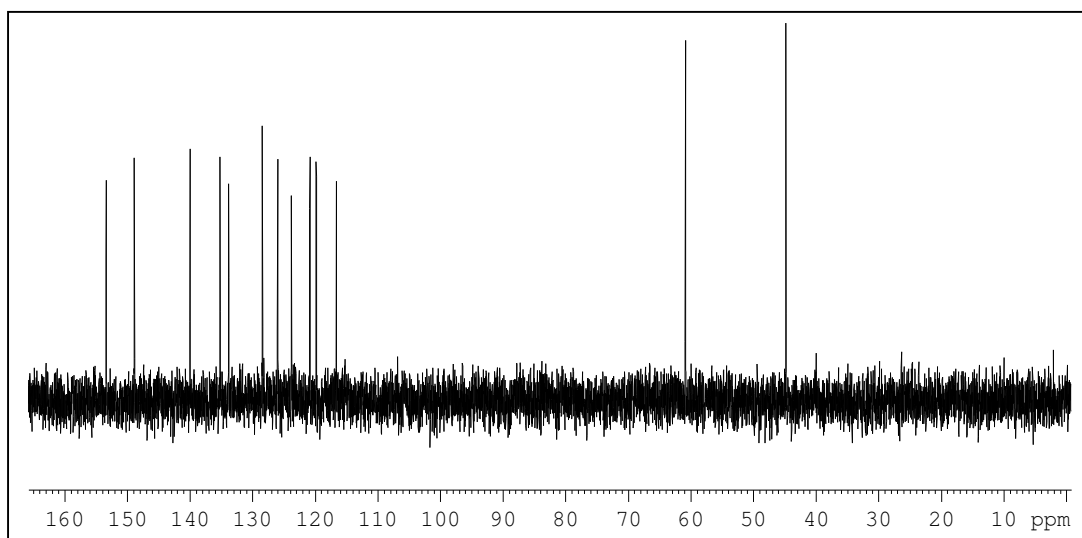
**Figure 50** FT-IR (KBr) spectrum of compound **B4B**



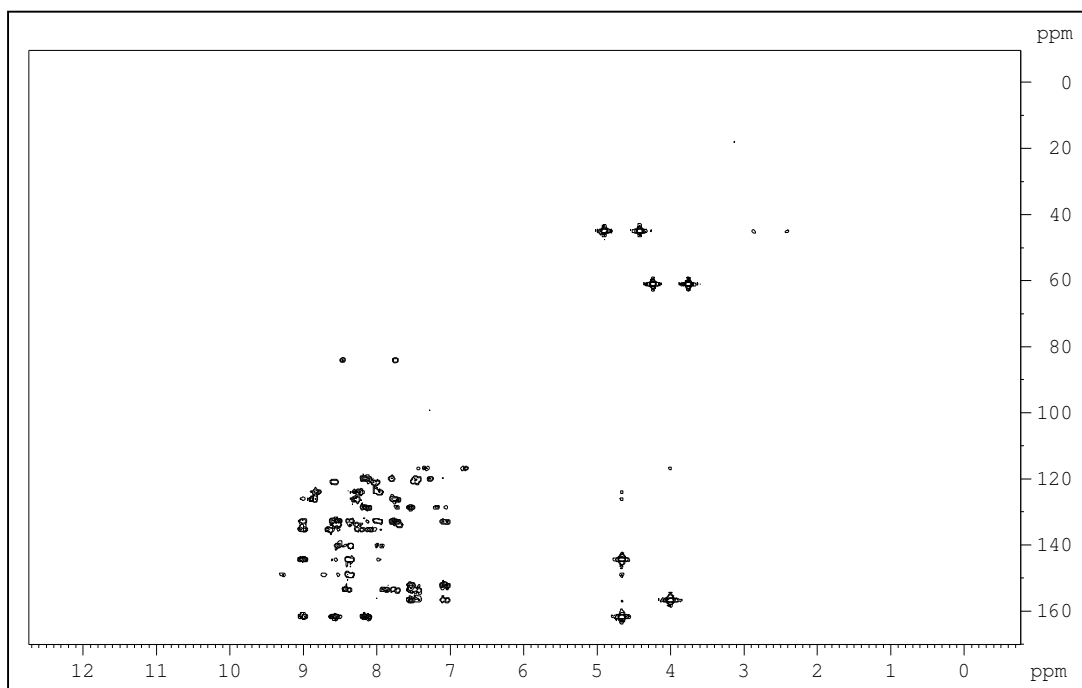
**Figure 51**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B4B**



**Figure 52**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B4A**

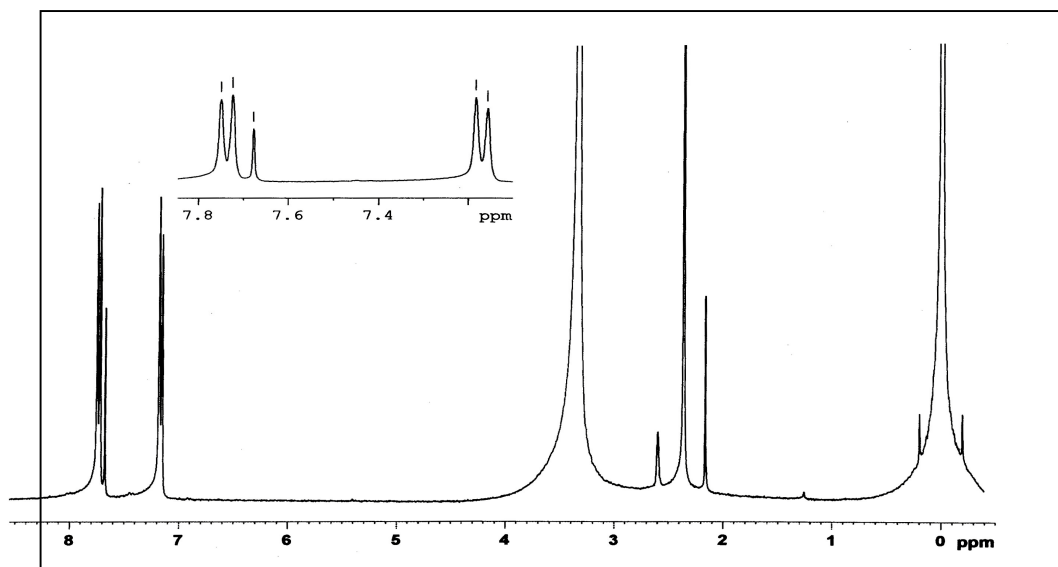


**Figure 53** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B4B**

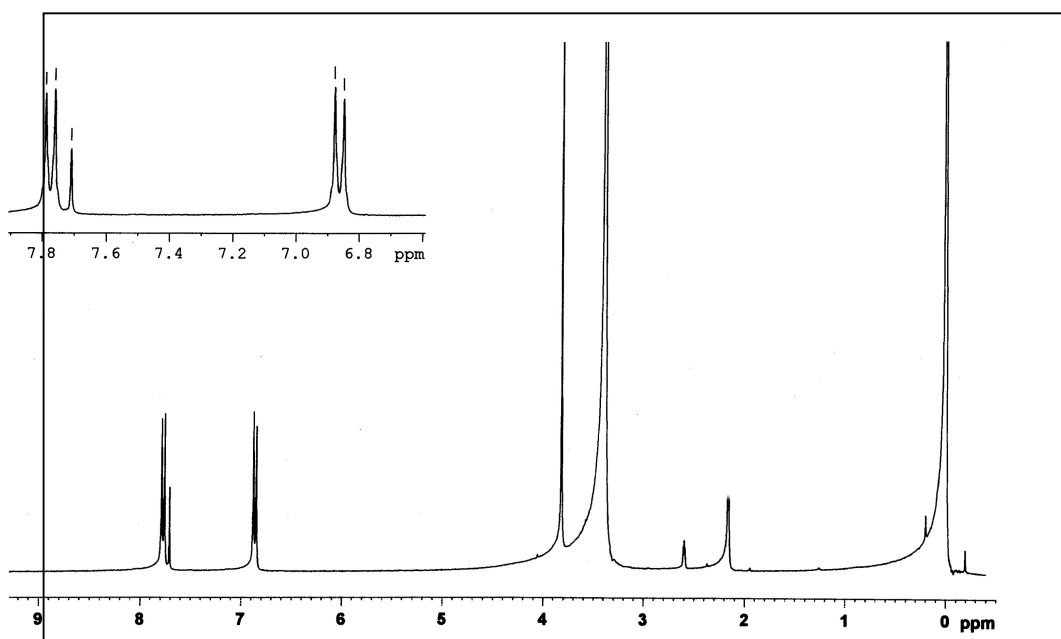


**Figure 54** 2D HMBC spectrum of compound **B4B**

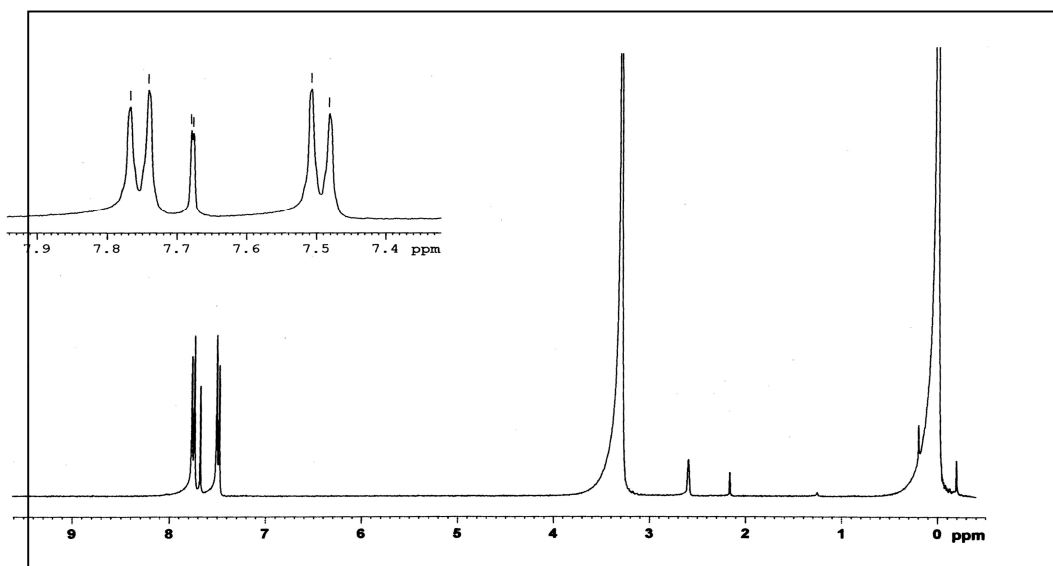




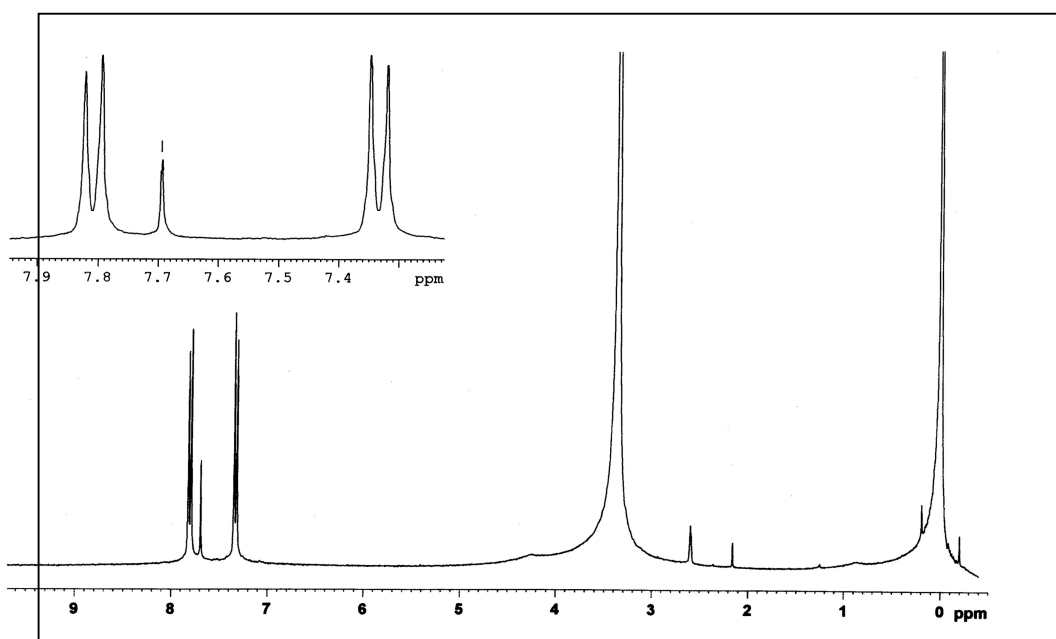
**Figure 55**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B2C**



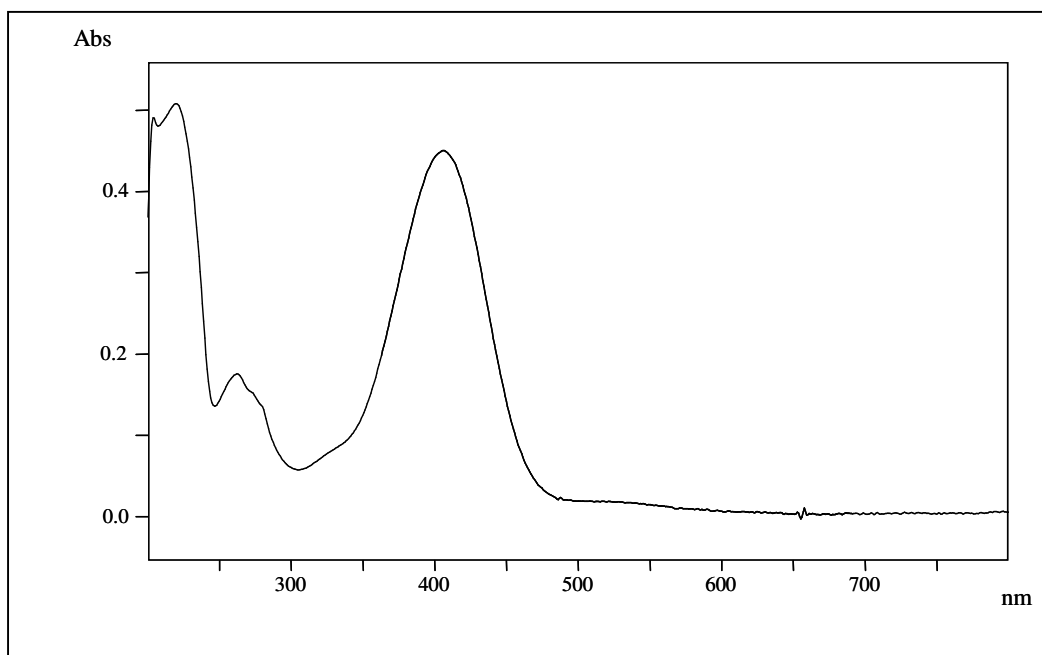
**Figure 56**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B4C**



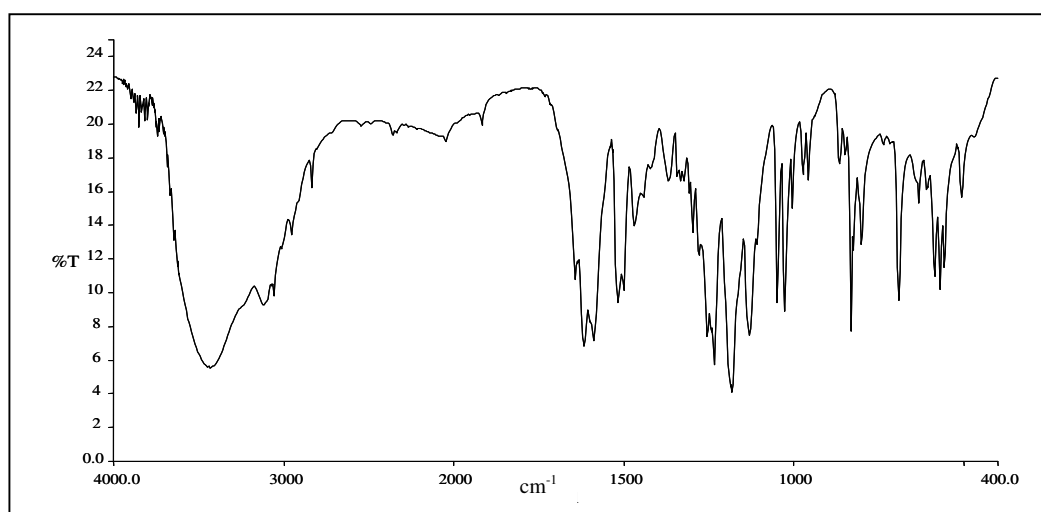
**Figure 57**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B6C**



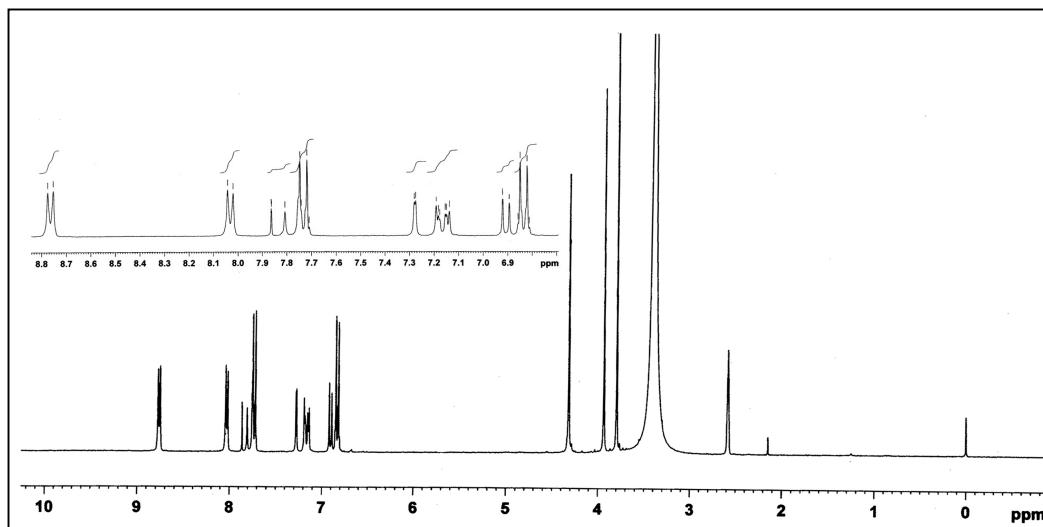
**Figure 58**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B8C**



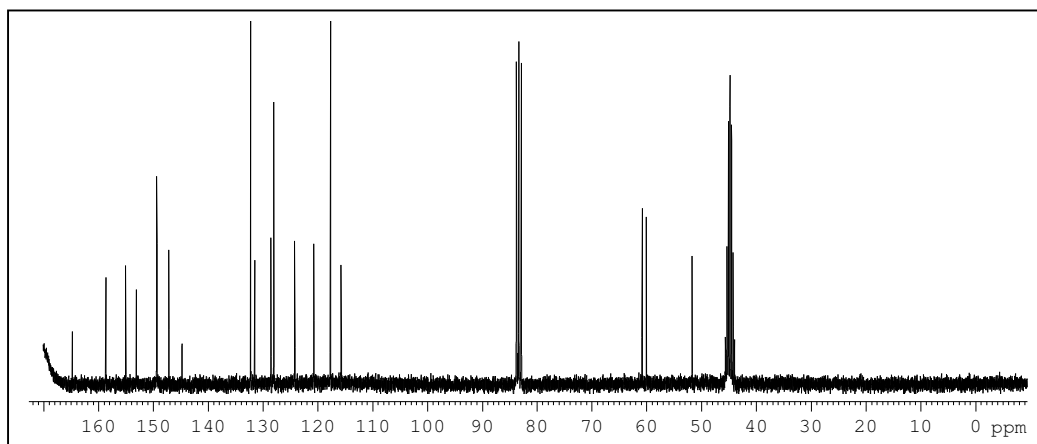
**Figure 59** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B1D**



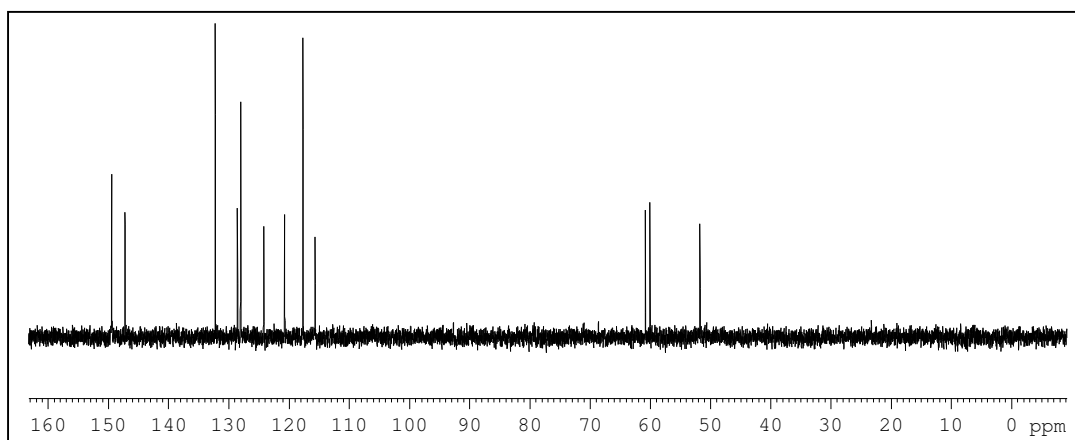
**Figure 60** FT-IR (KBr) spectrum of compound **B1D**



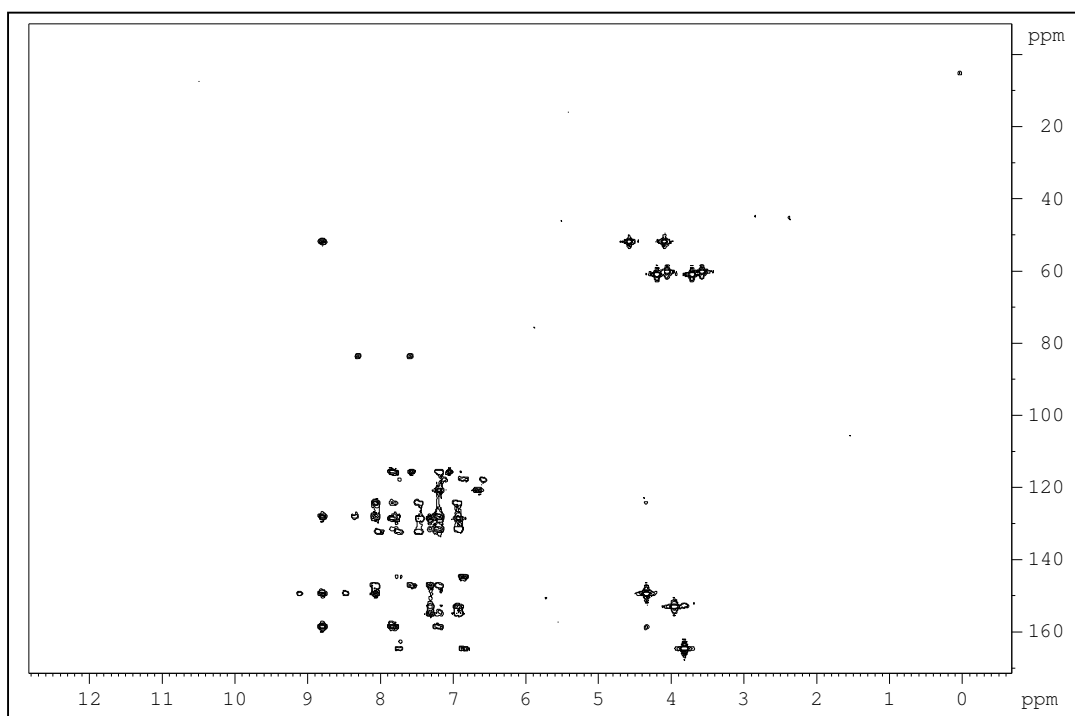
**Figure 61**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B1D**



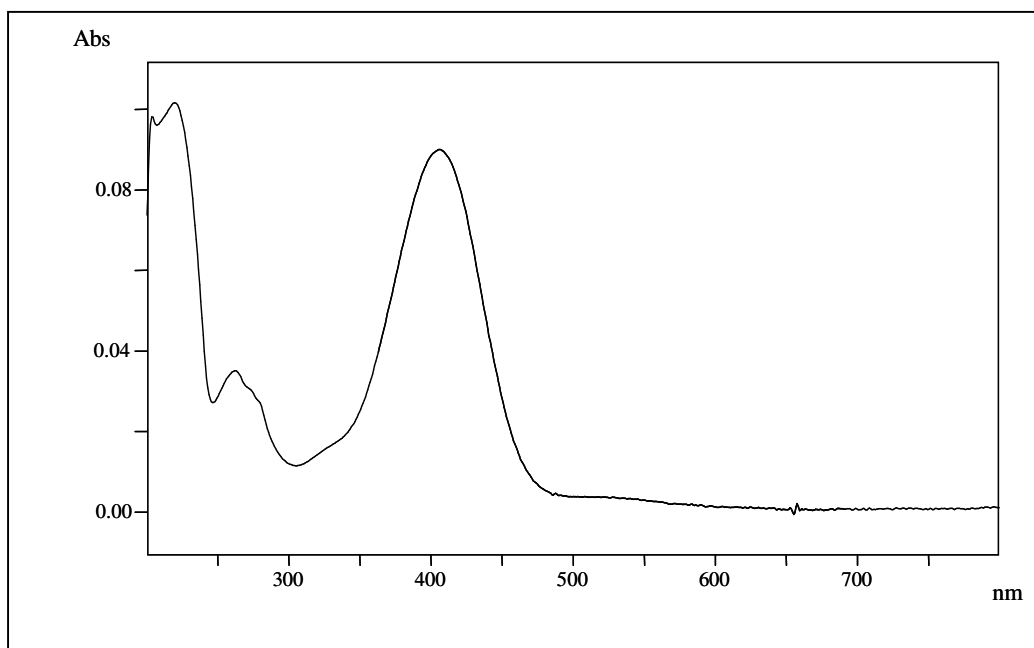
**Figure 62**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B1D**



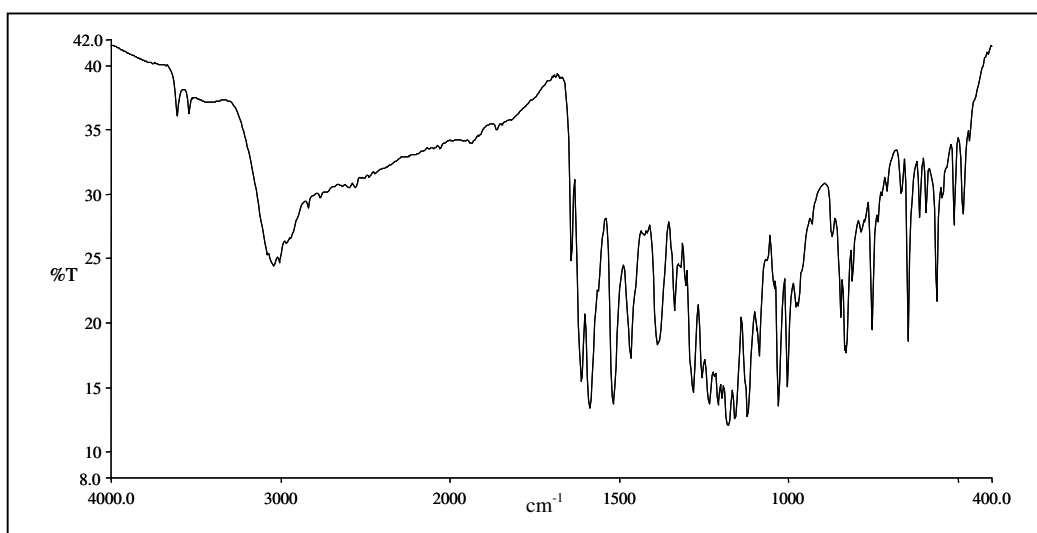
**Figure 63** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B1D**



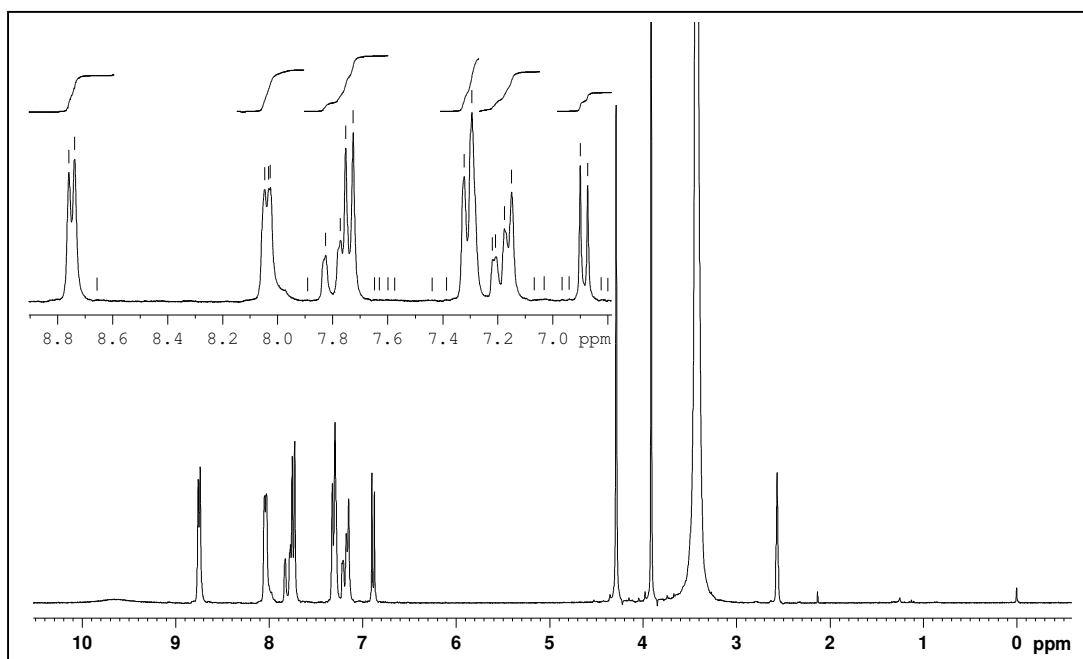
**Figure 64** 2D HMBC spectrum of compound **B1D**



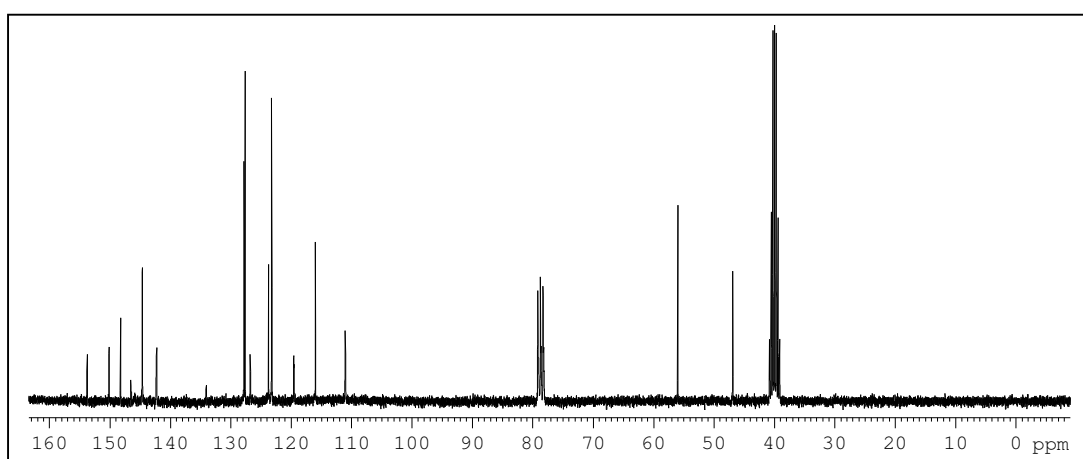
**Figure 65** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B2D**



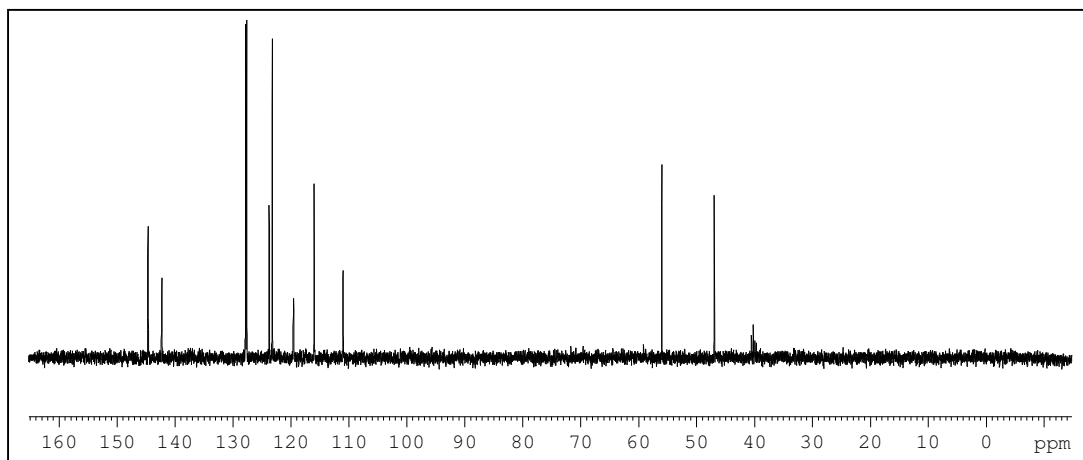
**Figure 66** FT-IR (KBr) spectrum of compound **B2D**



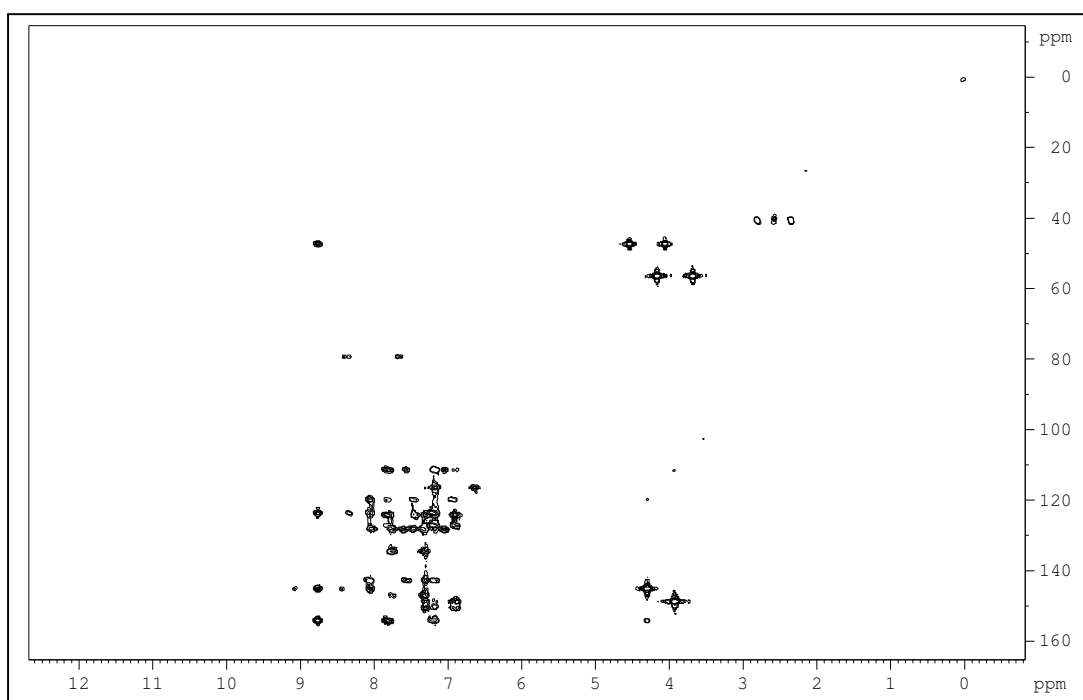
**Figure 67**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B2D**



**Figure 68**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B2D**

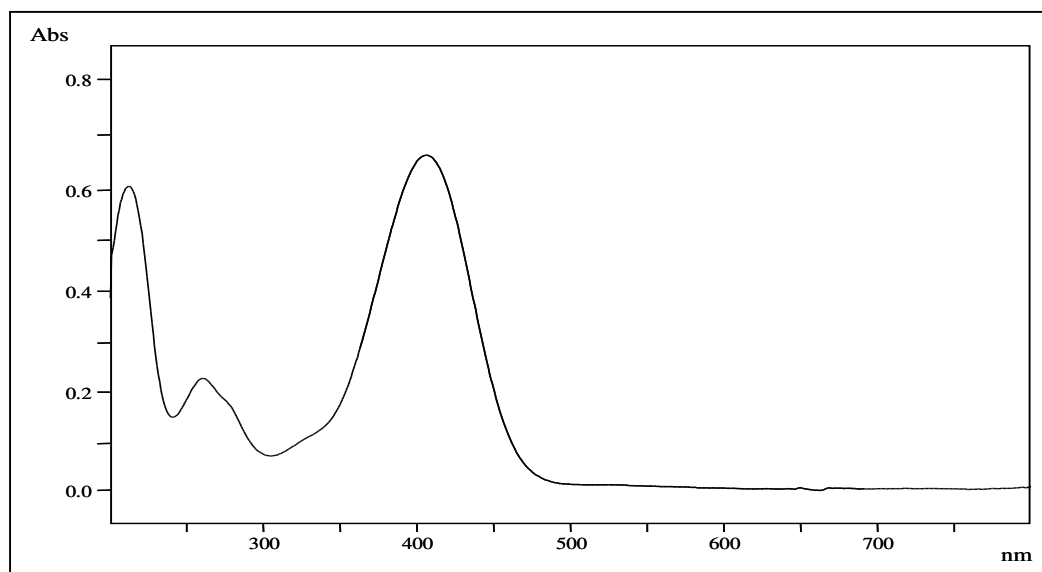


**Figure 69** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B2D**

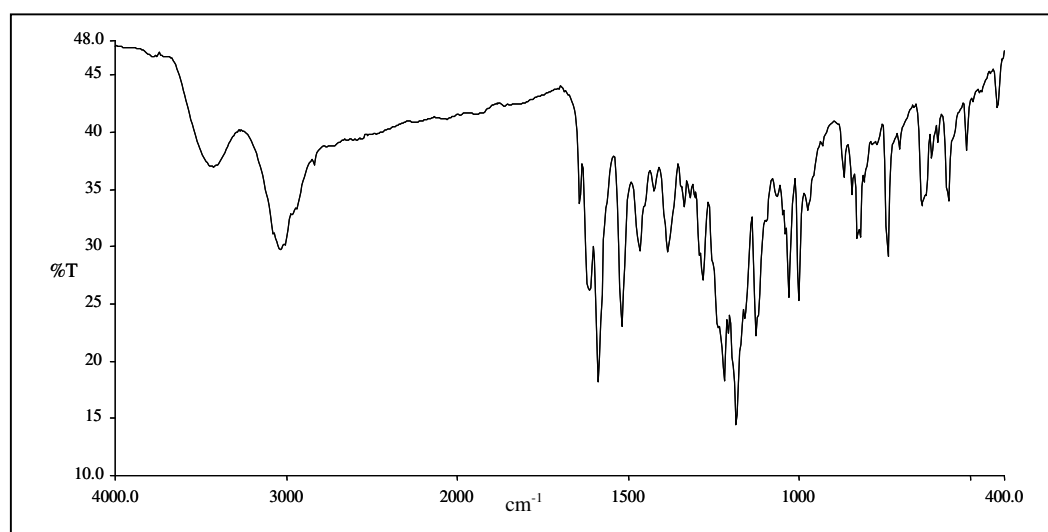


**Figure 70** 2D HMBC spectrum of compound **B2D**

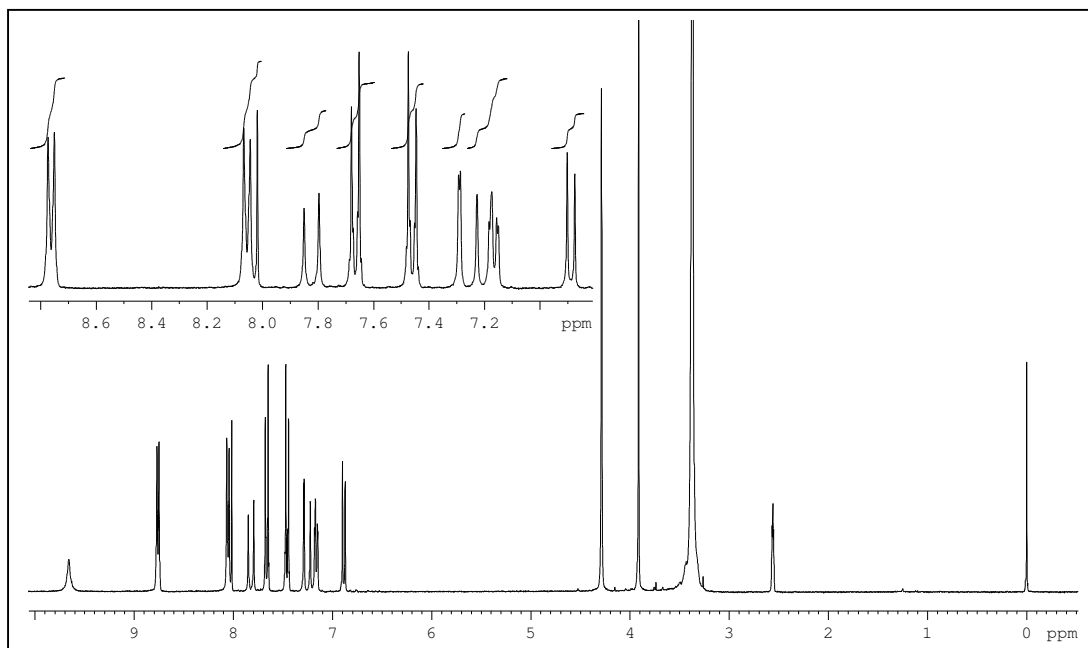




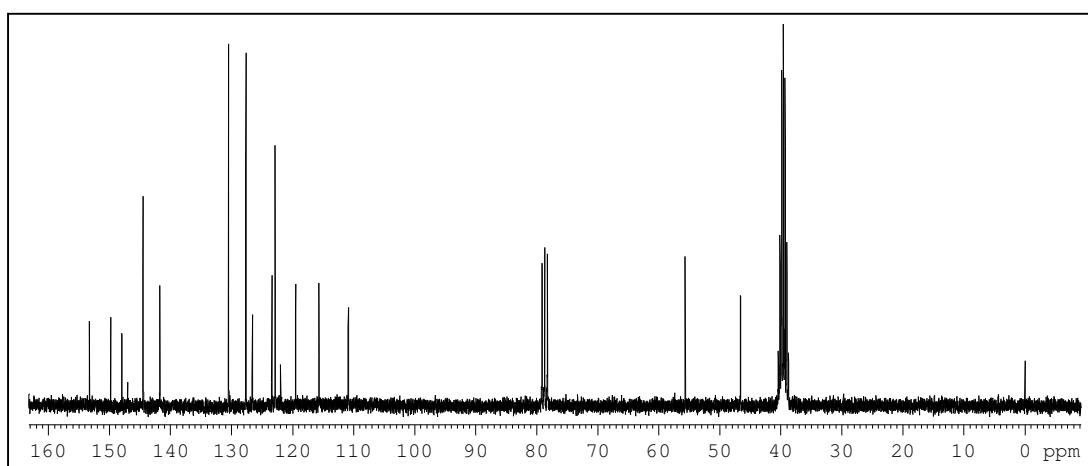
**Figure 71** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B3D**



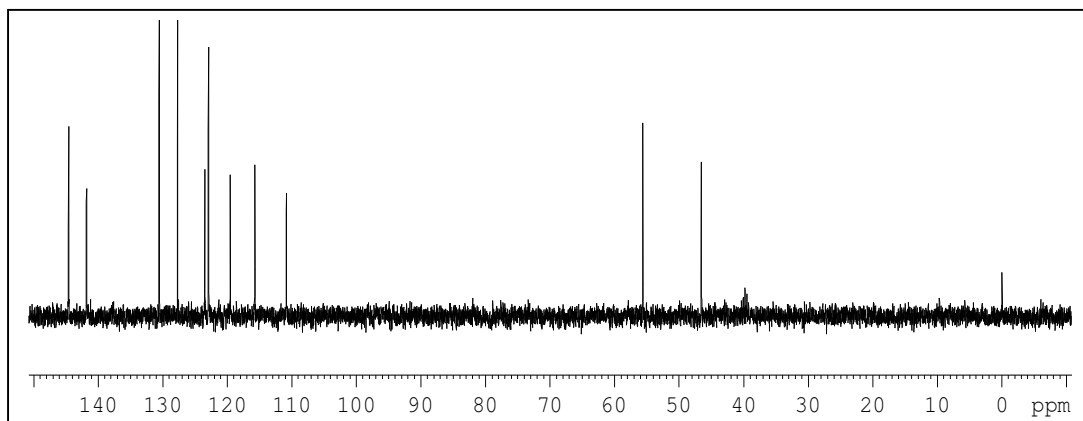
**Figure 72** FT-IR (KBr) spectrum of compound **B3D**



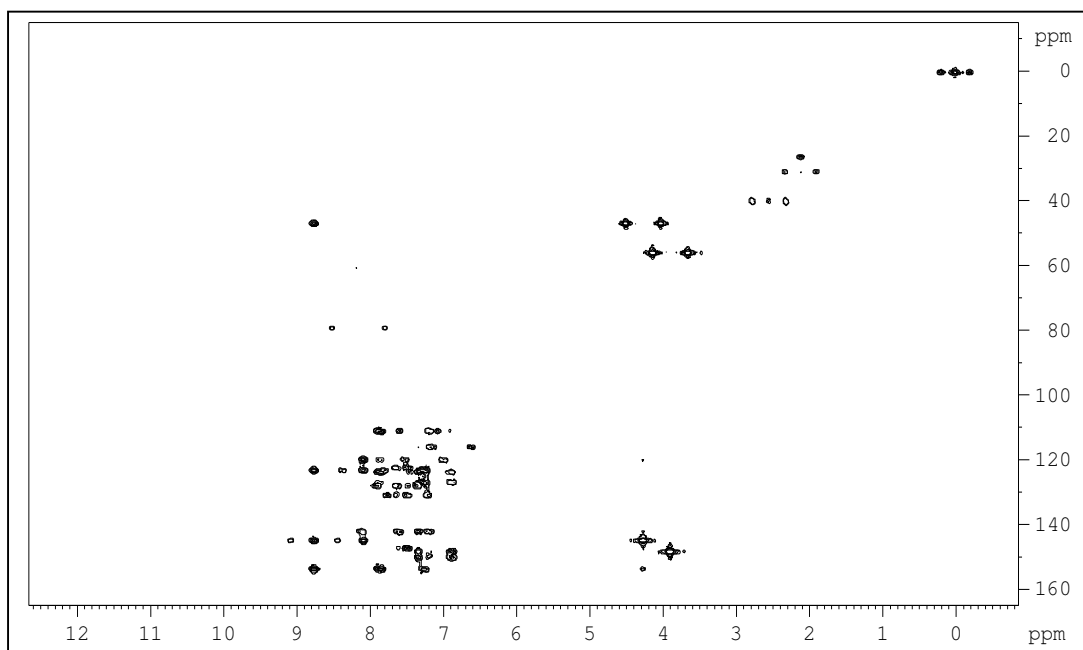
**Figure 73**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B3D**



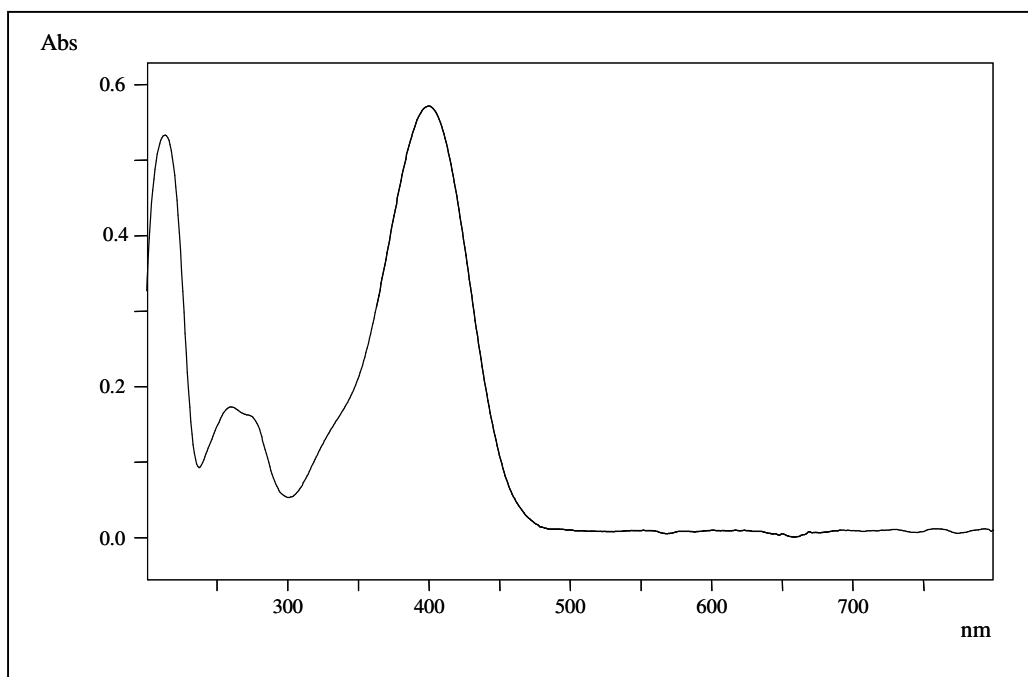
**Figure 74**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B3D**



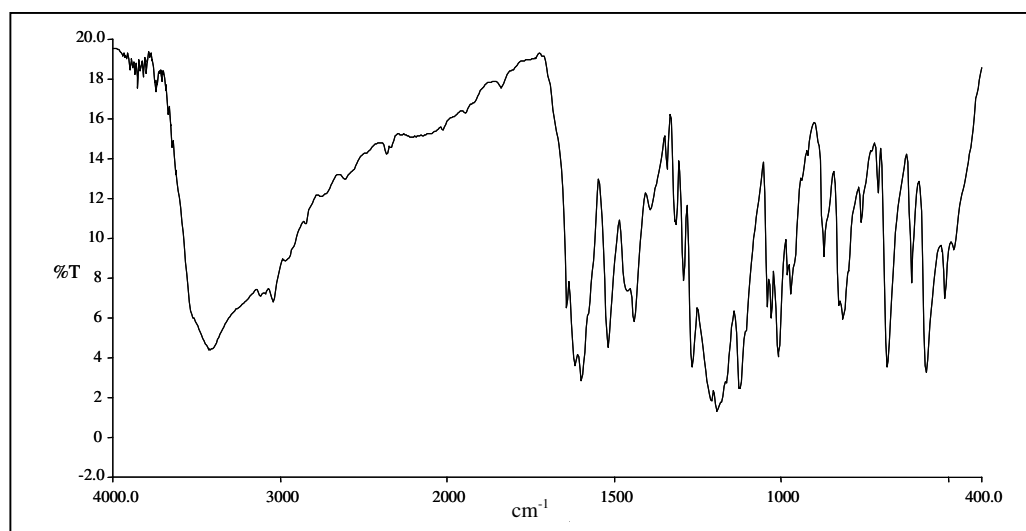
**Figure 75** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B3D**



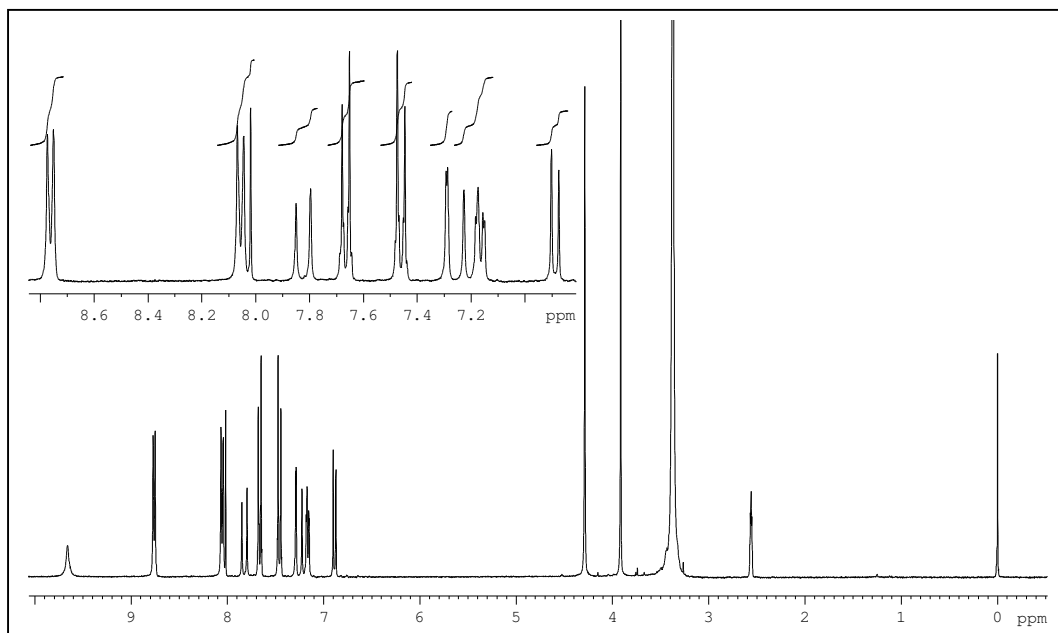
**Figure 76** 2D HMBC spectrum of compound **B3D**



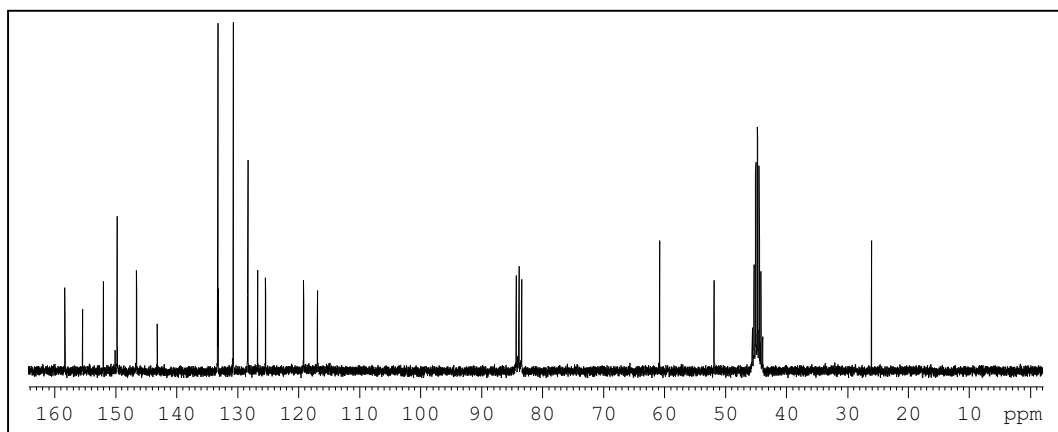
**Figure 77** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B1E**



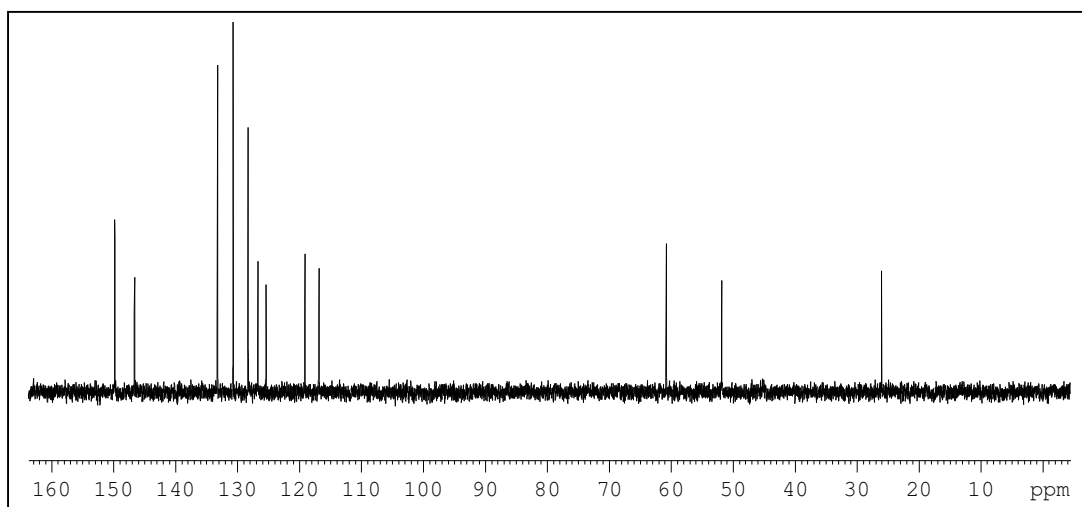
**Figure 78** FT-IR (KBr) spectrum of compound **B1E**



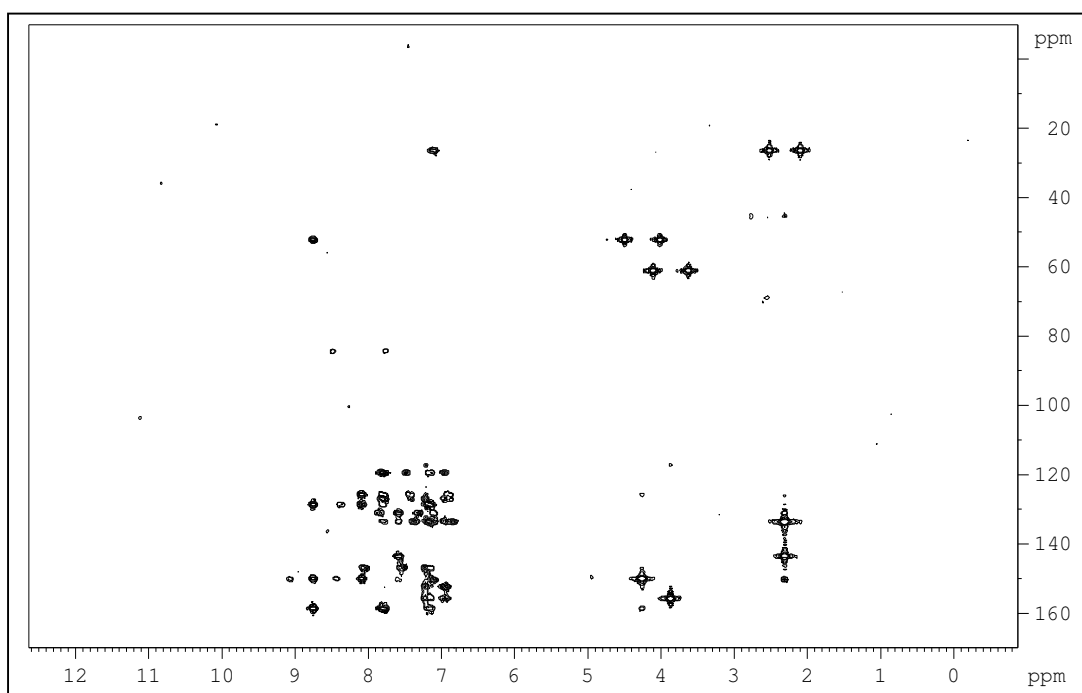
**Figure 79**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B1E**



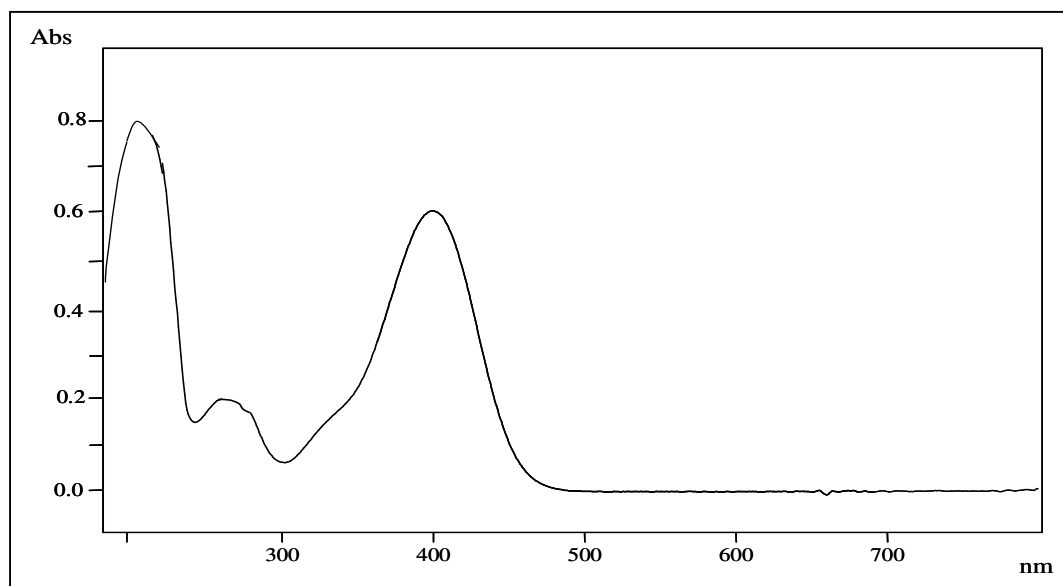
**Figure 80**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B1E**



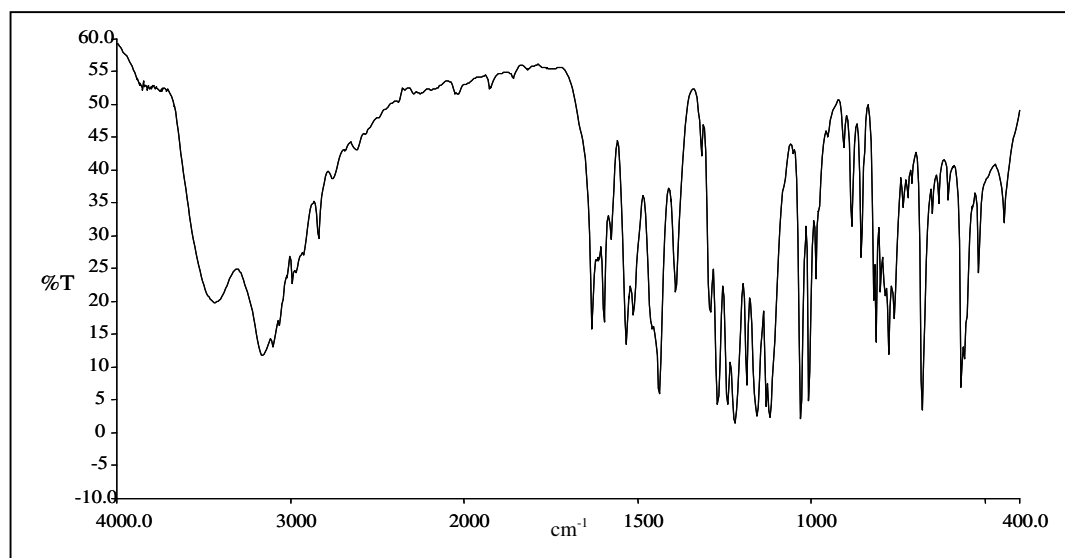
**Figure 81** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B1E**



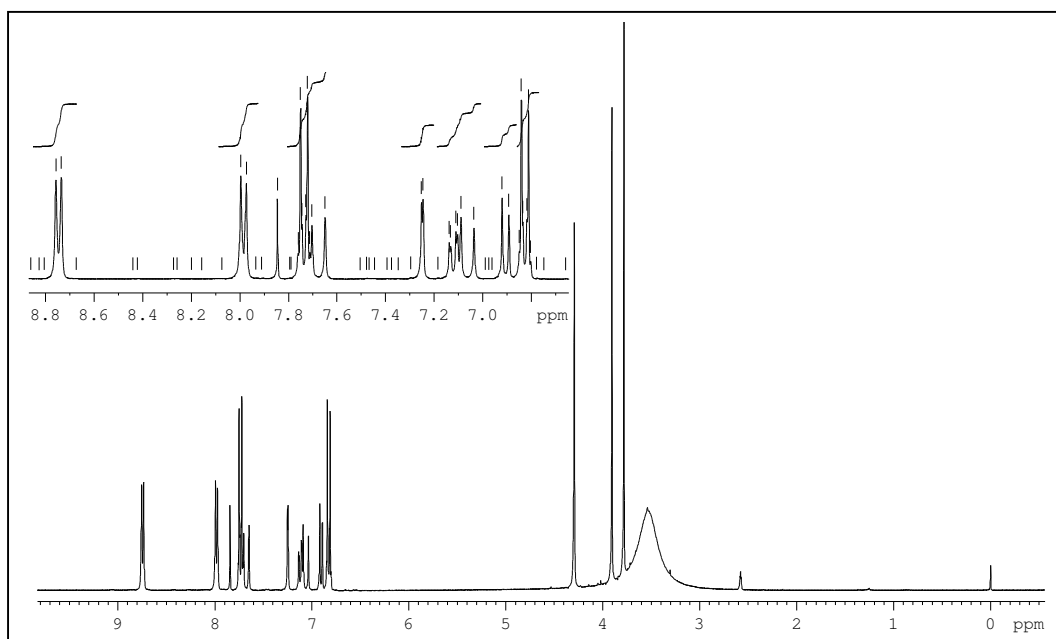
**Figure 82** 2D HMBC spectrum of compound **B1E**



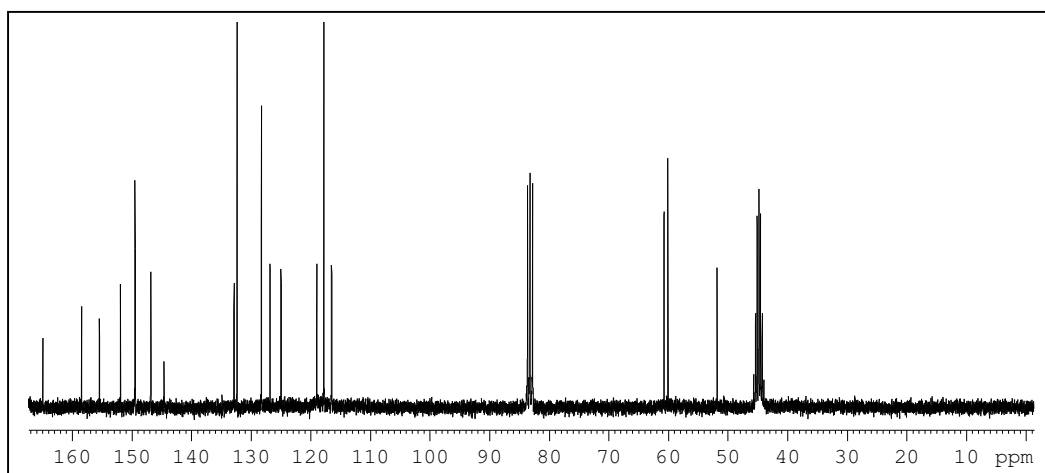
**Figure 83** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B2E**



**Figure 84** FT-IR (KBr) spectrum of compound **B2E**

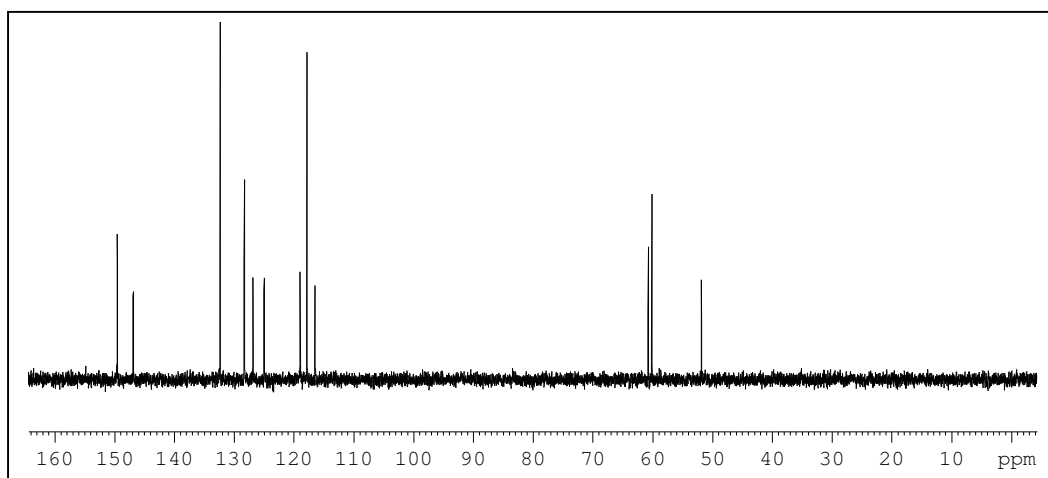


**Figure 85**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B2E**

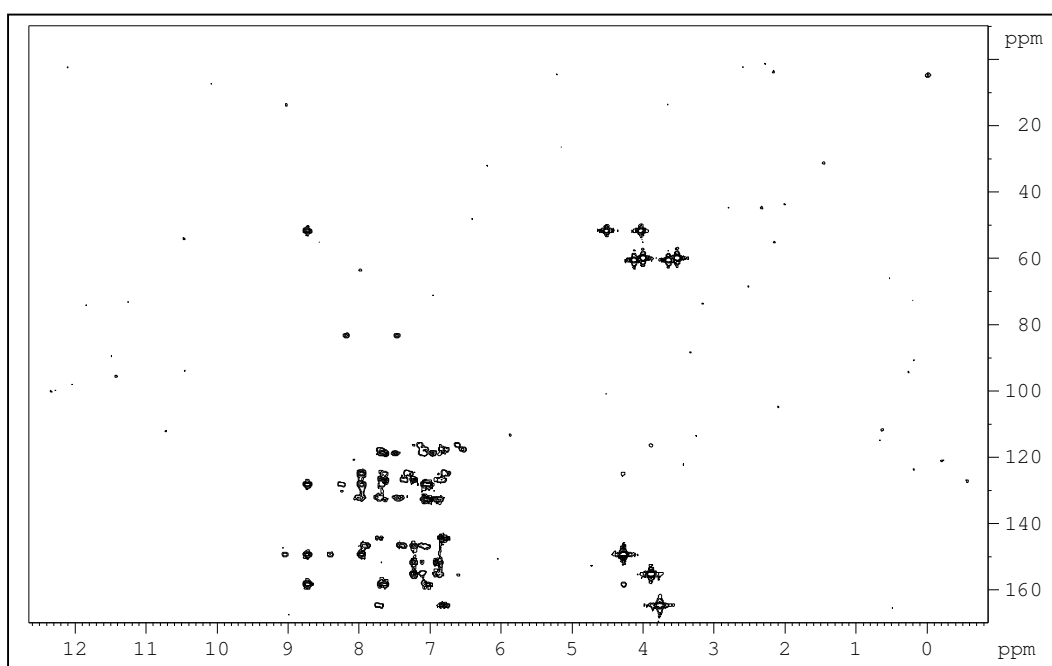


**Figure 86**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B2E**

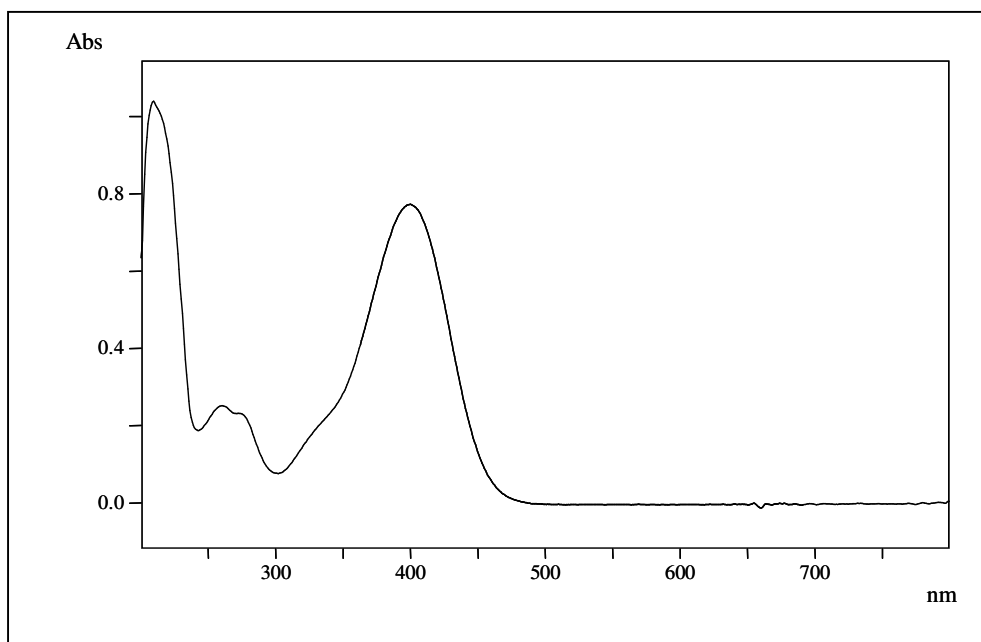




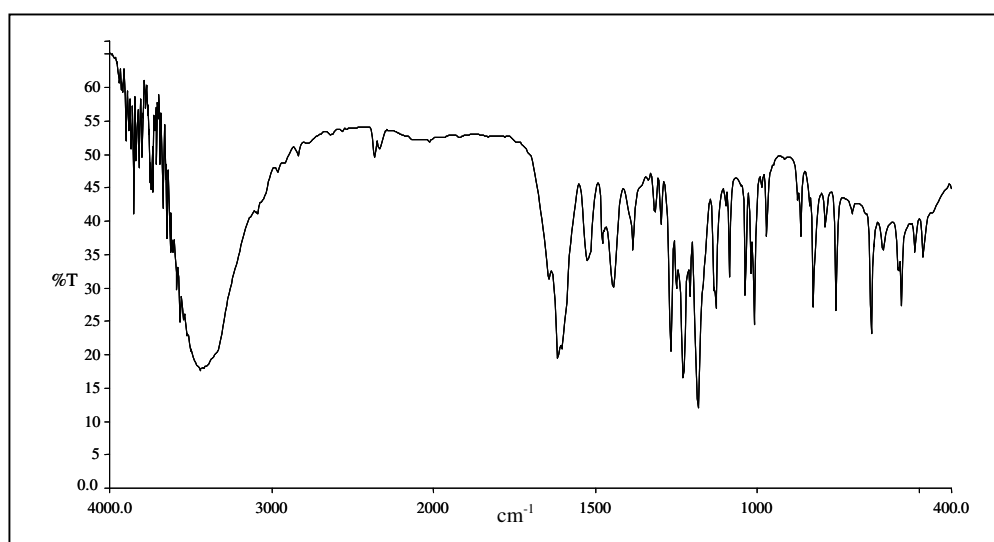
**Figure 87** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B2E**



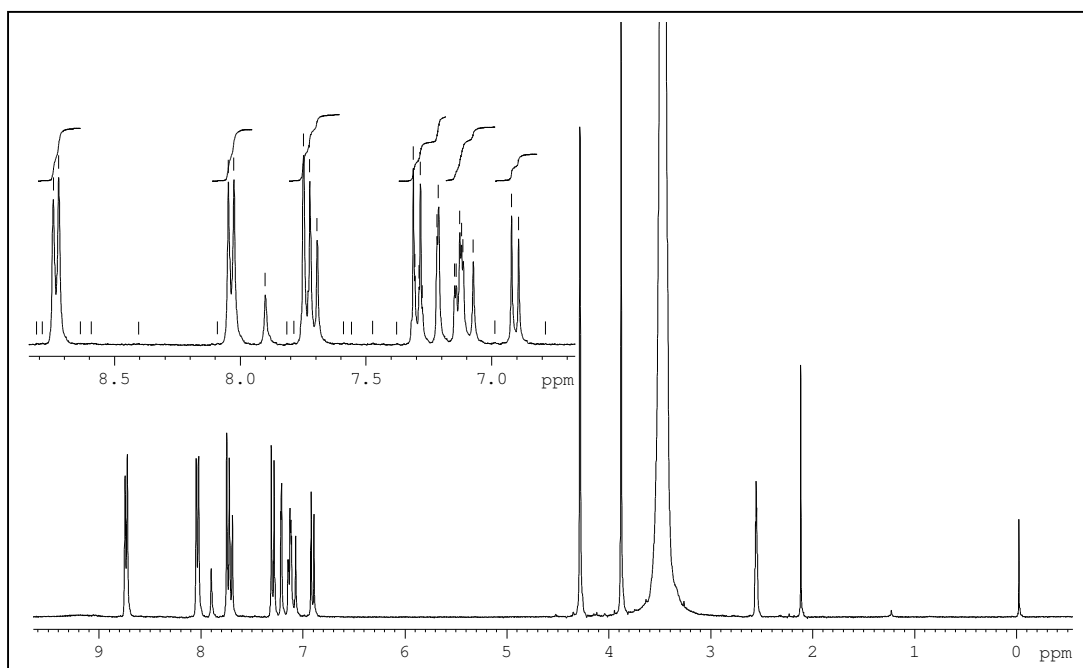
**Figure 88** 2D HMBC spectrum of compound **B2E**



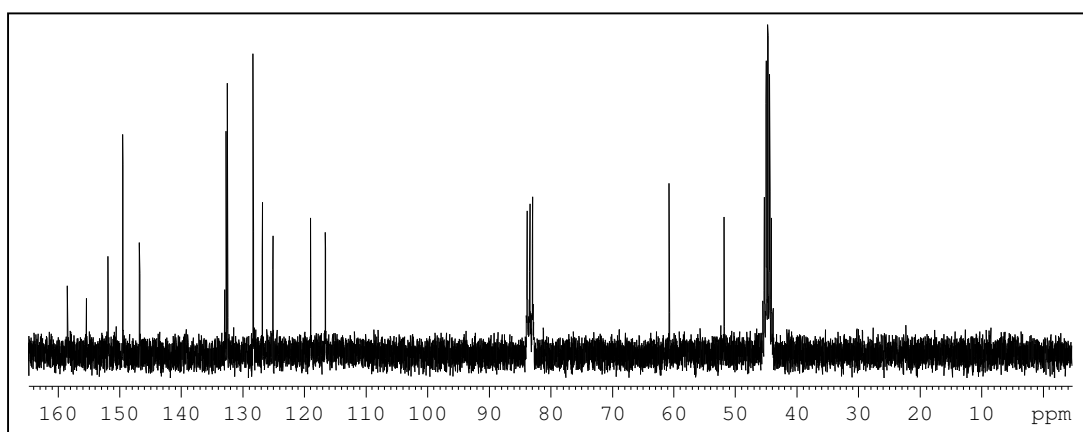
**Figure 89** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B3E**



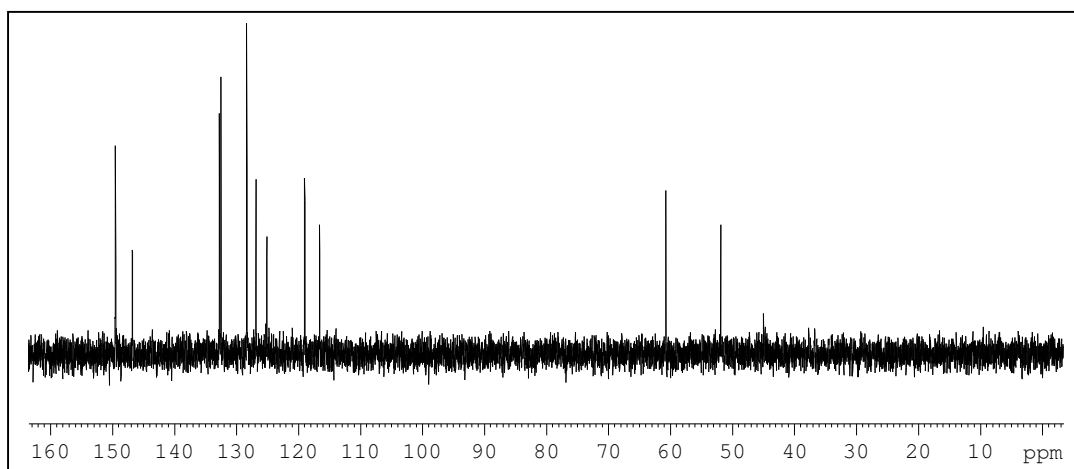
**Figure 90** FT-IR (KBr) spectrum of compound **B3E**



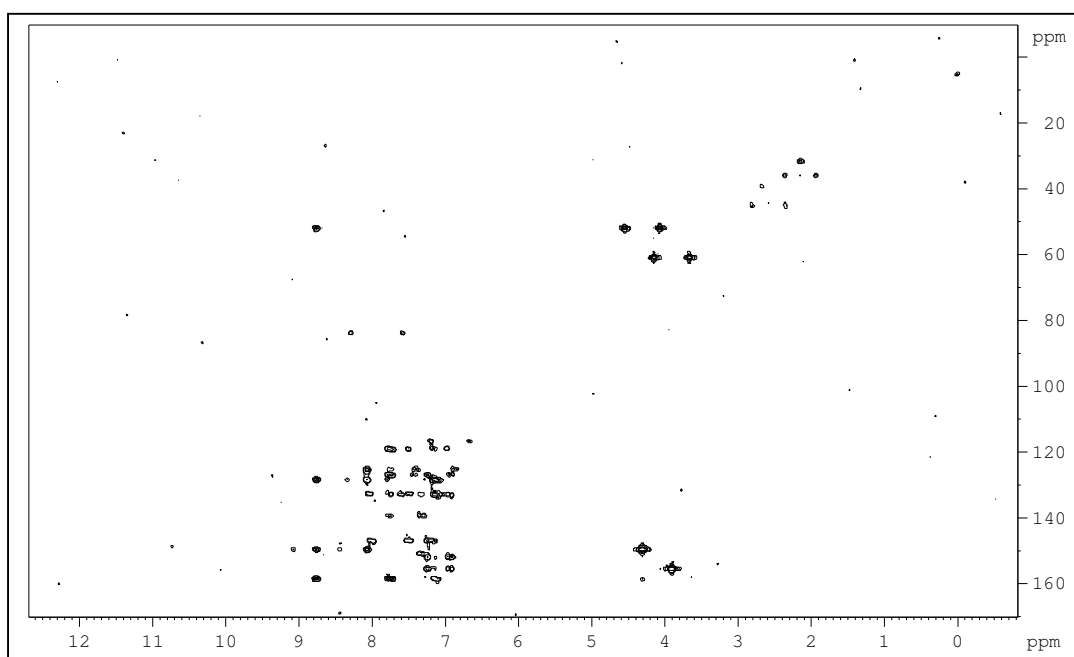
**Figure 91**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3E**



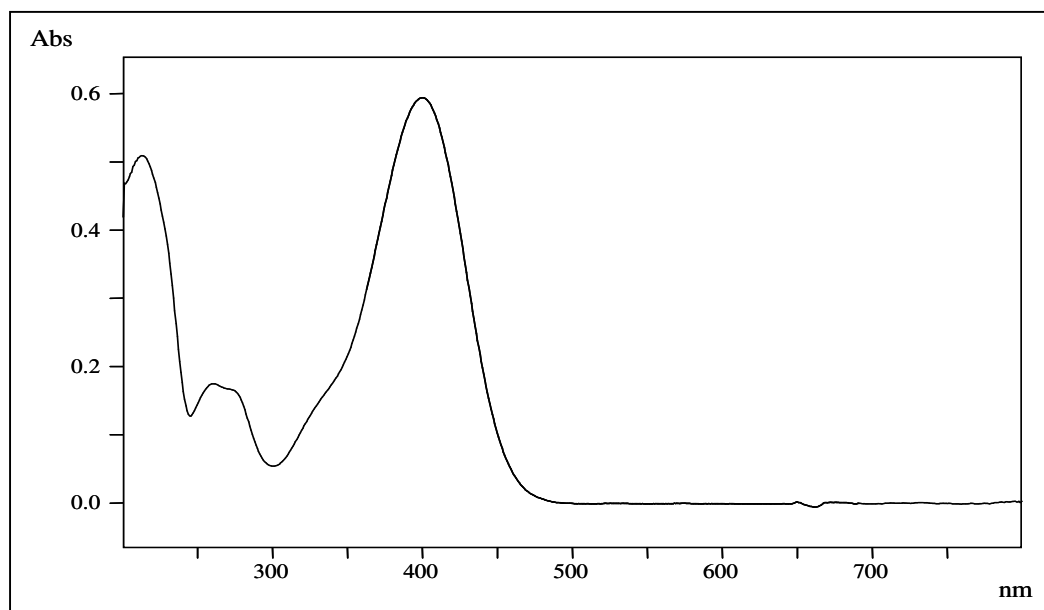
**Figure 92**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3E**



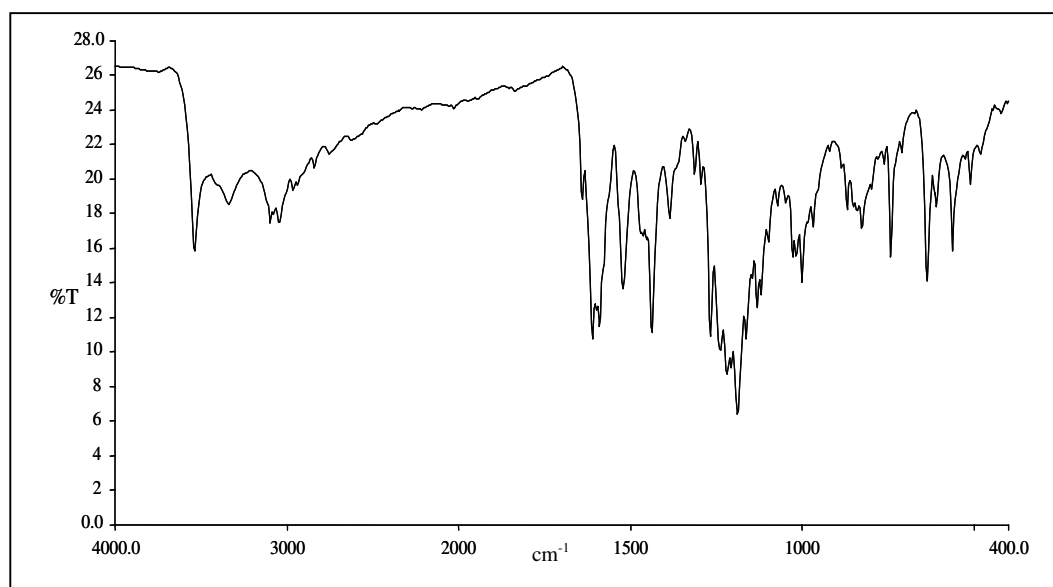
**Figure 93** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B3E**



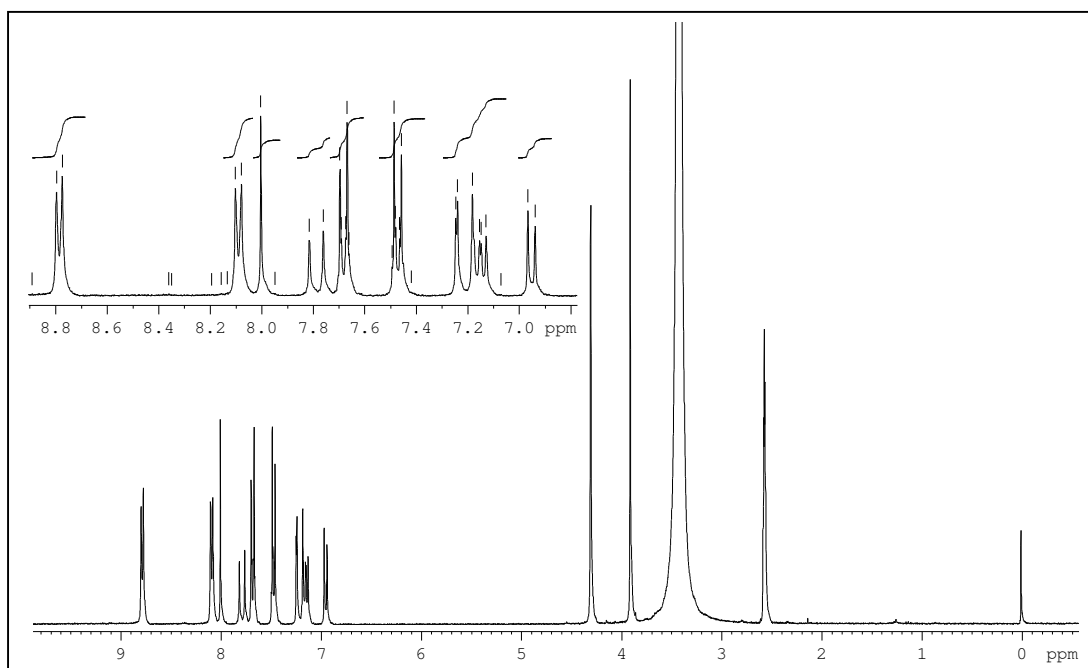
**Figure 94** 2D HMBC spectrum of compound **B3E**



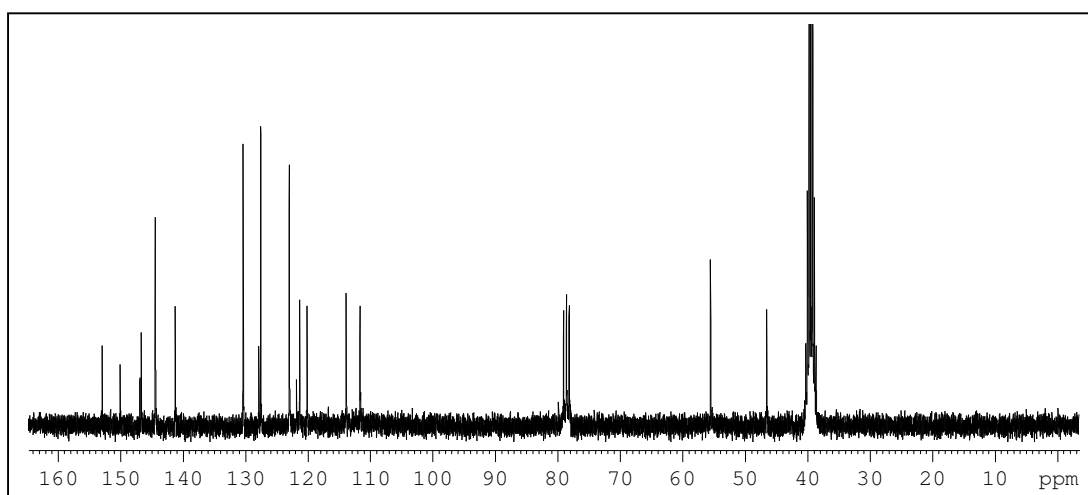
**Figure 95** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B4E**



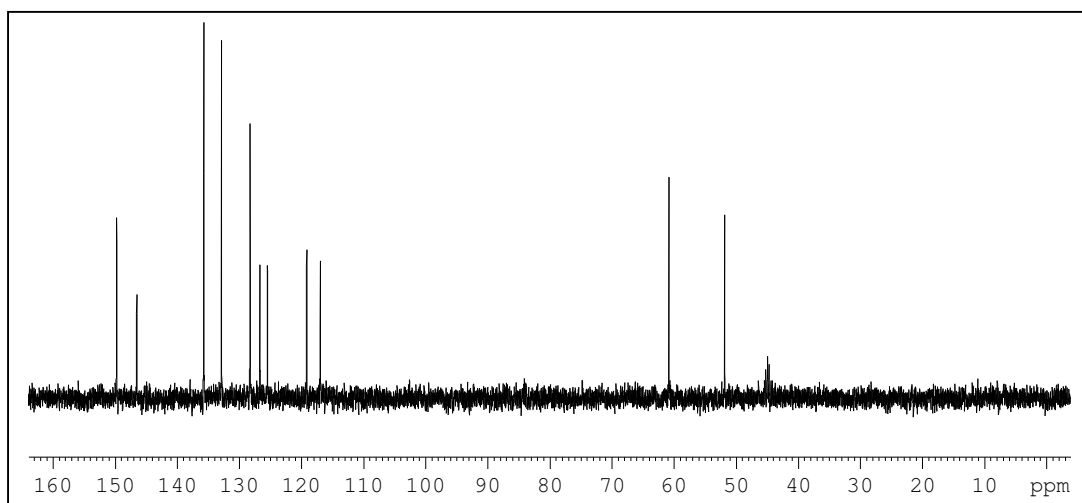
**Figure 96** FT-IR (KBr) spectrum of compound **B4E**



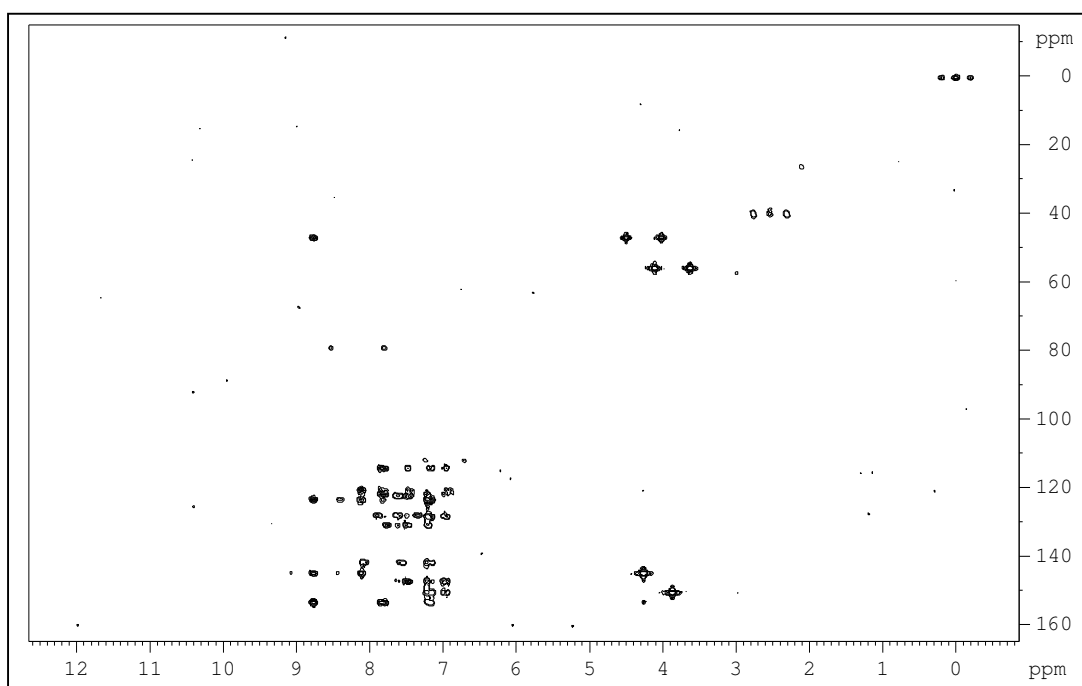
**Figure 97**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B4E**



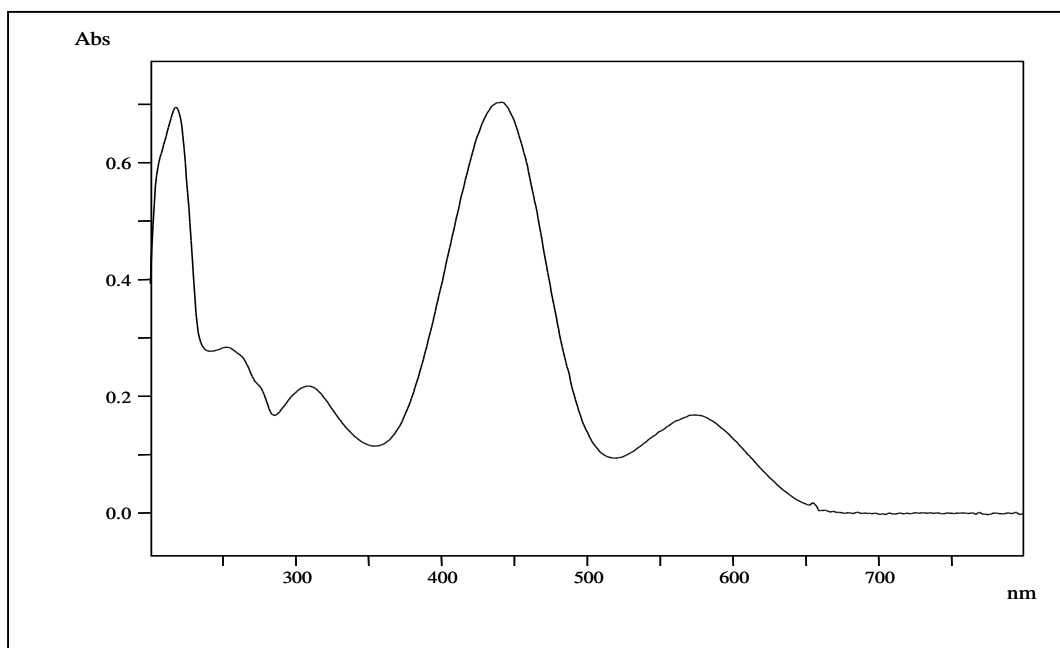
**Figure 98**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B4E**



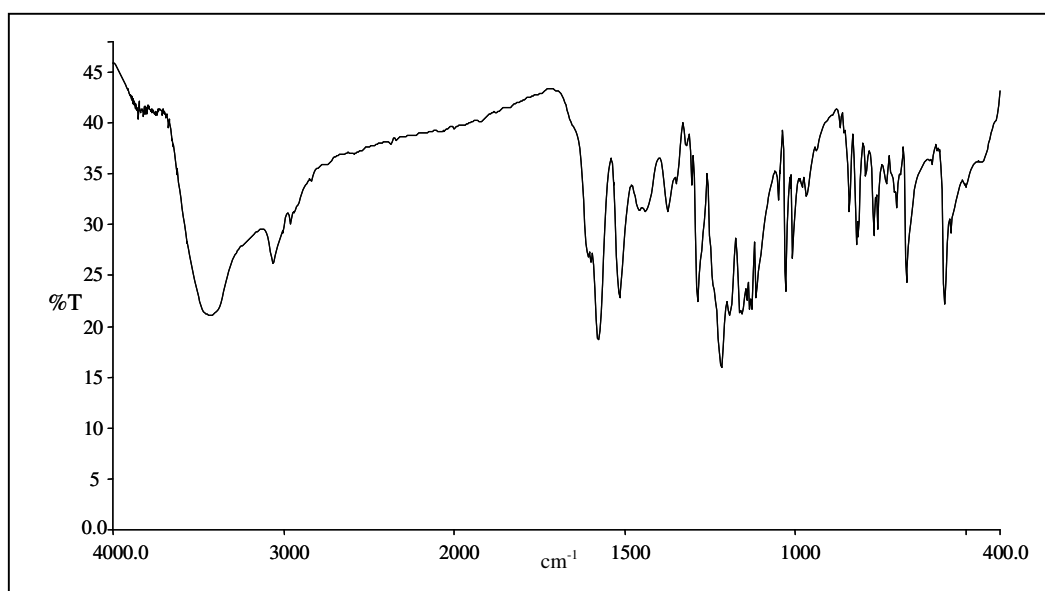
**Figure 99** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B4E**



**Figure 100** 2D HMBC spectrum of compound **B4E**

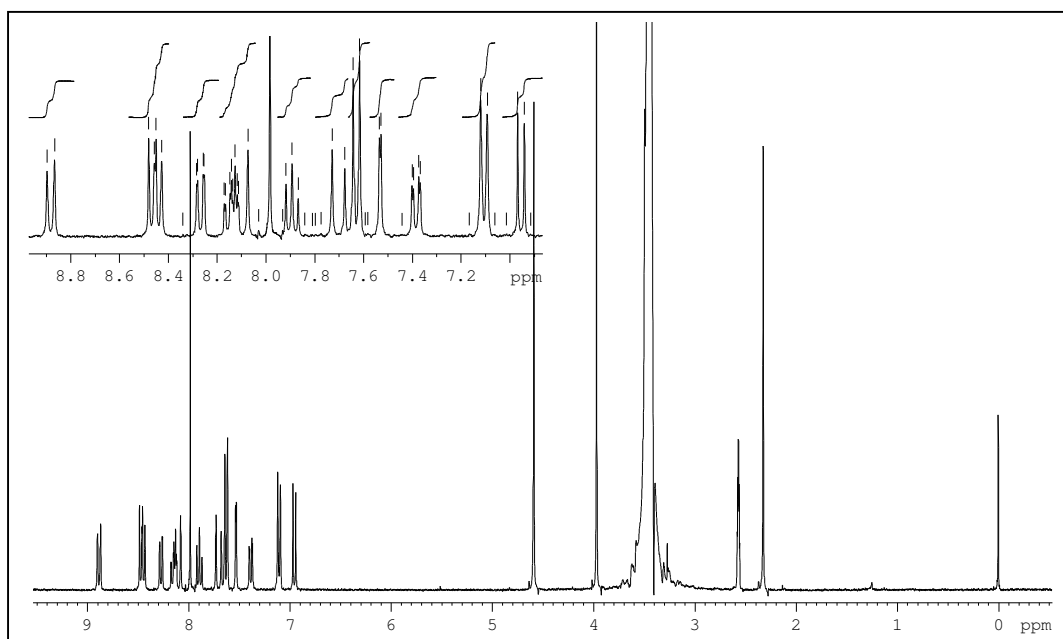


**Figure 101** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B1F**

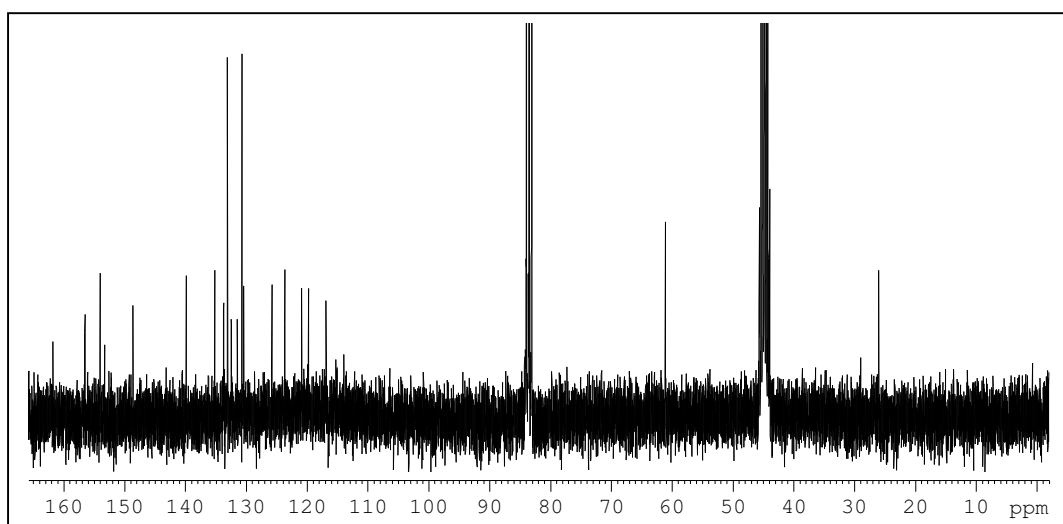


**Figure 102** FT-IR (KBr) spectrum of compound **B1F**

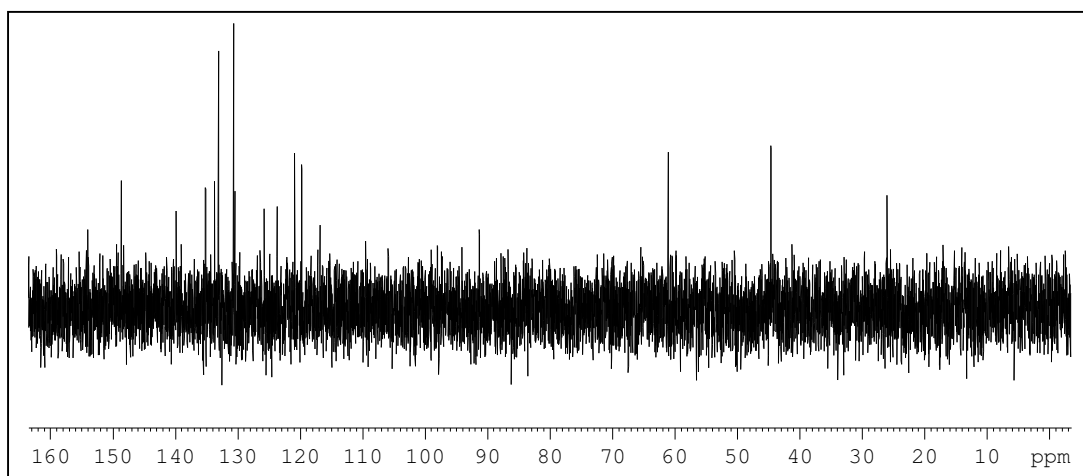




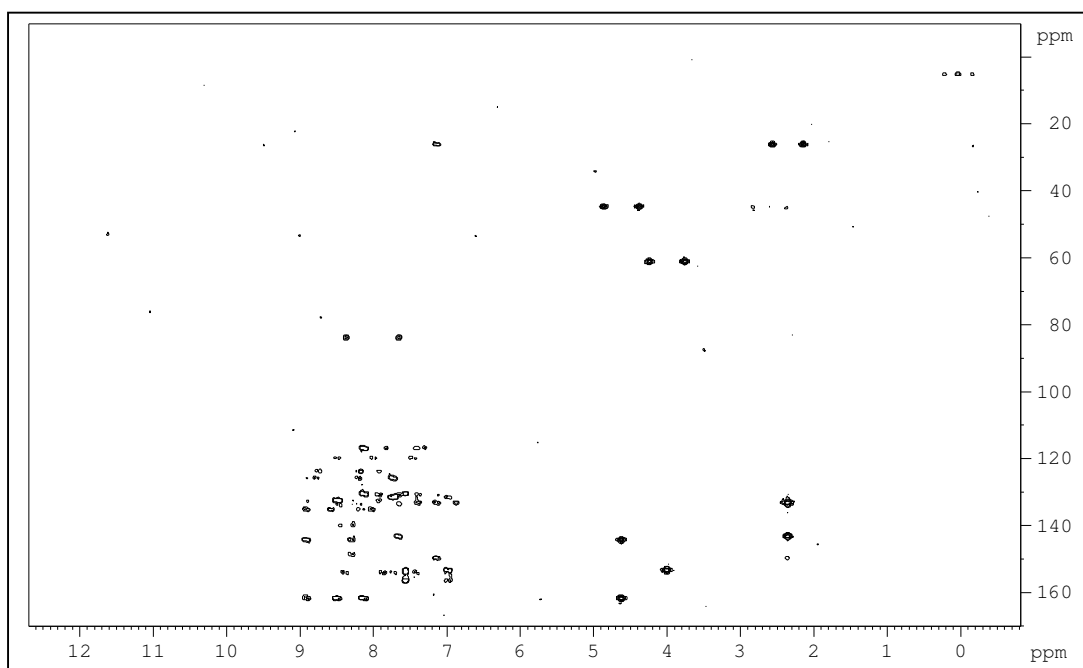
**Figure 103**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B1F**



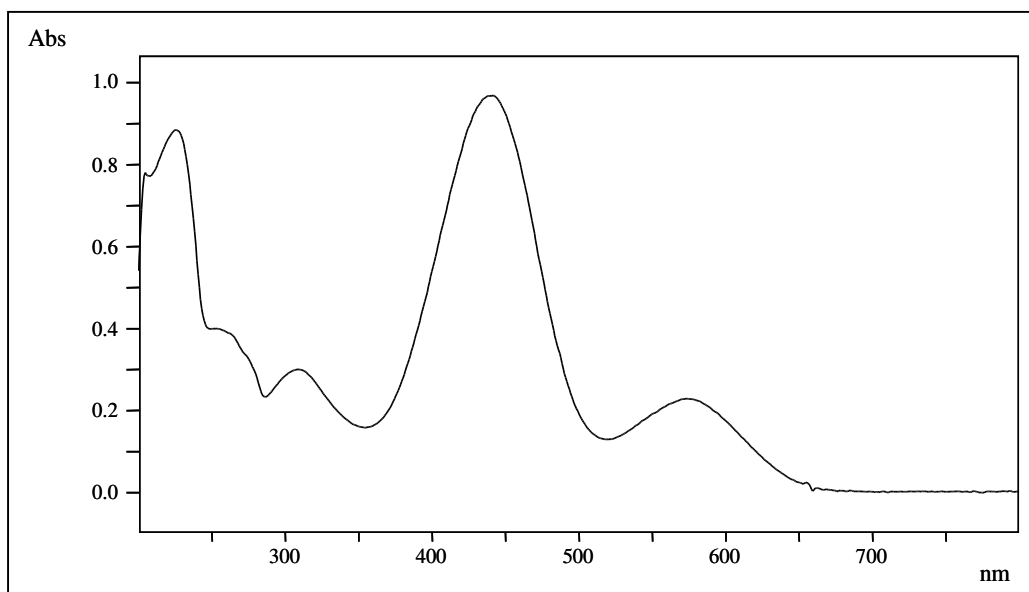
**Figure 104**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B1F**



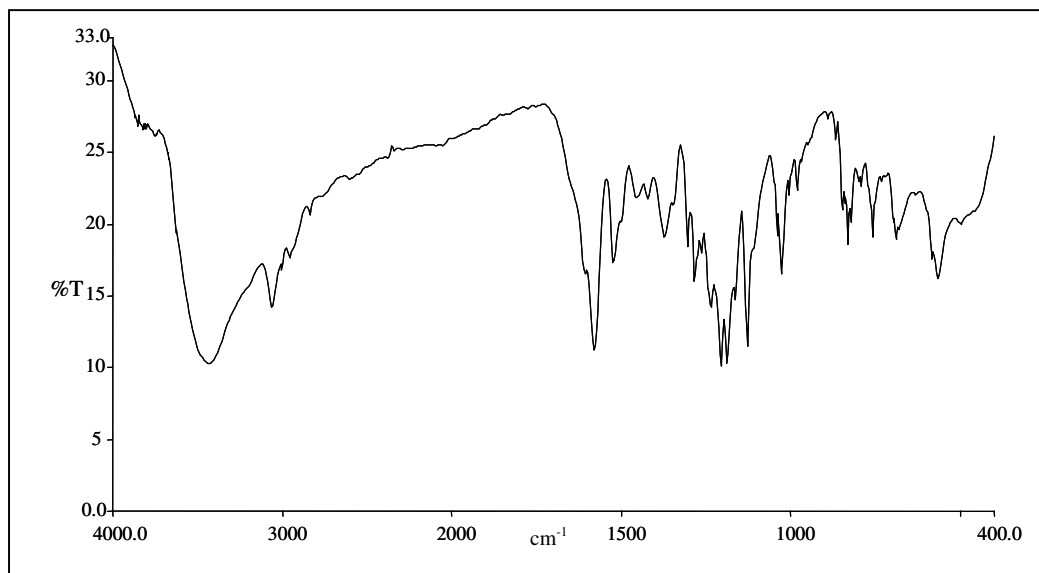
**Figure 105** DEPT 135 °C (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B1F**



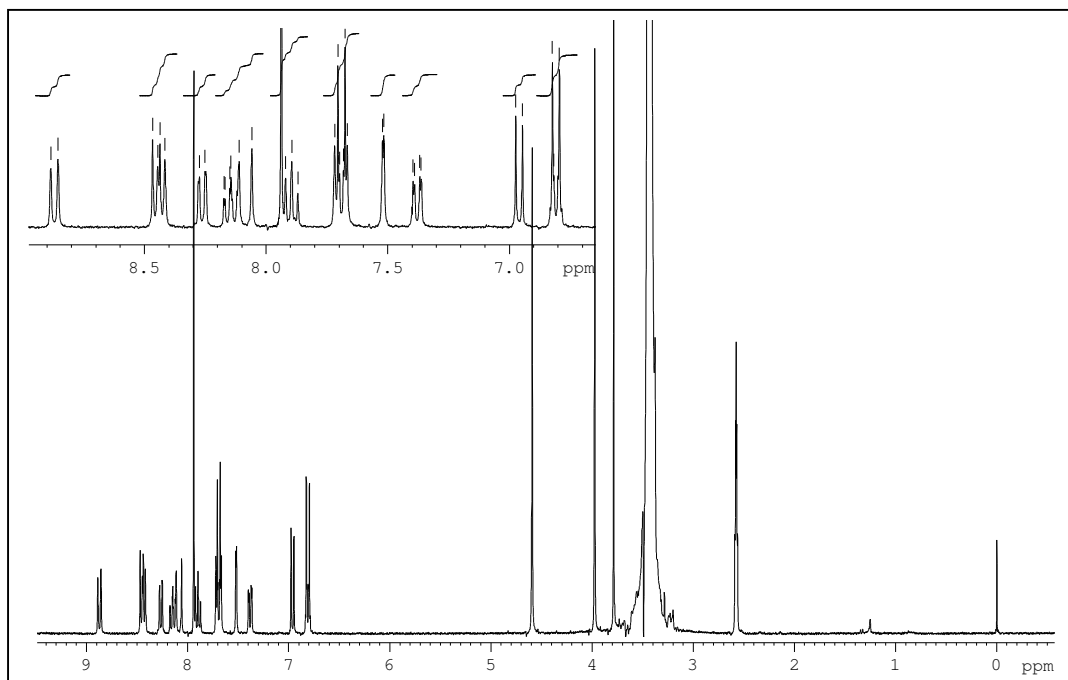
**Figure 106** 2D HMBC spectrum of compound **B1F**



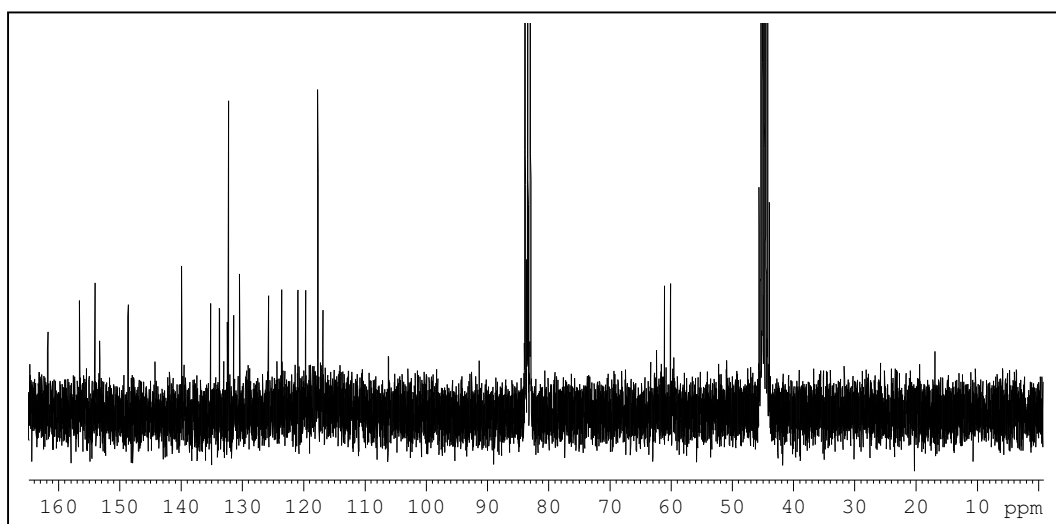
**Figure 107** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B2F**



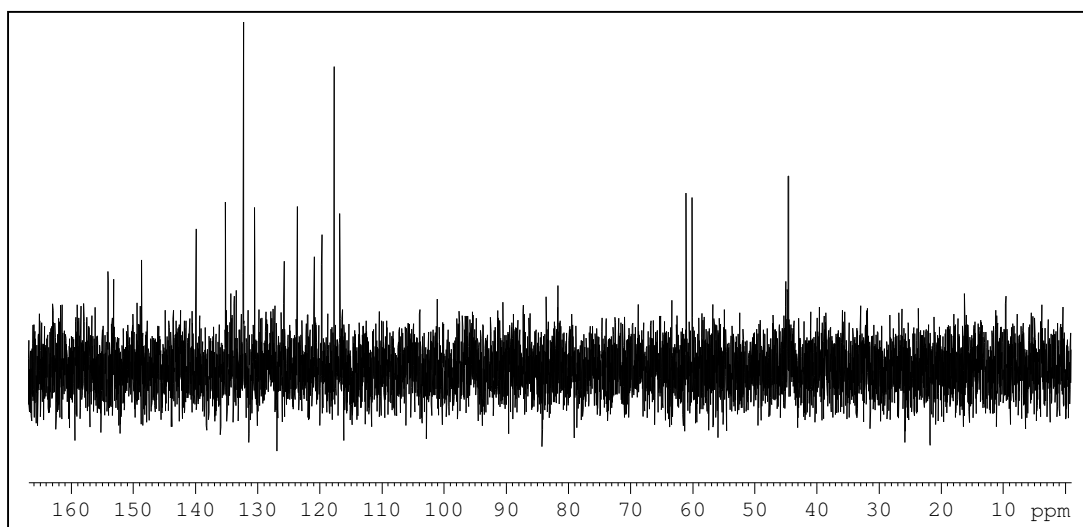
**Figure 108** FT-IR (KBr) spectrum of compound **B2F**



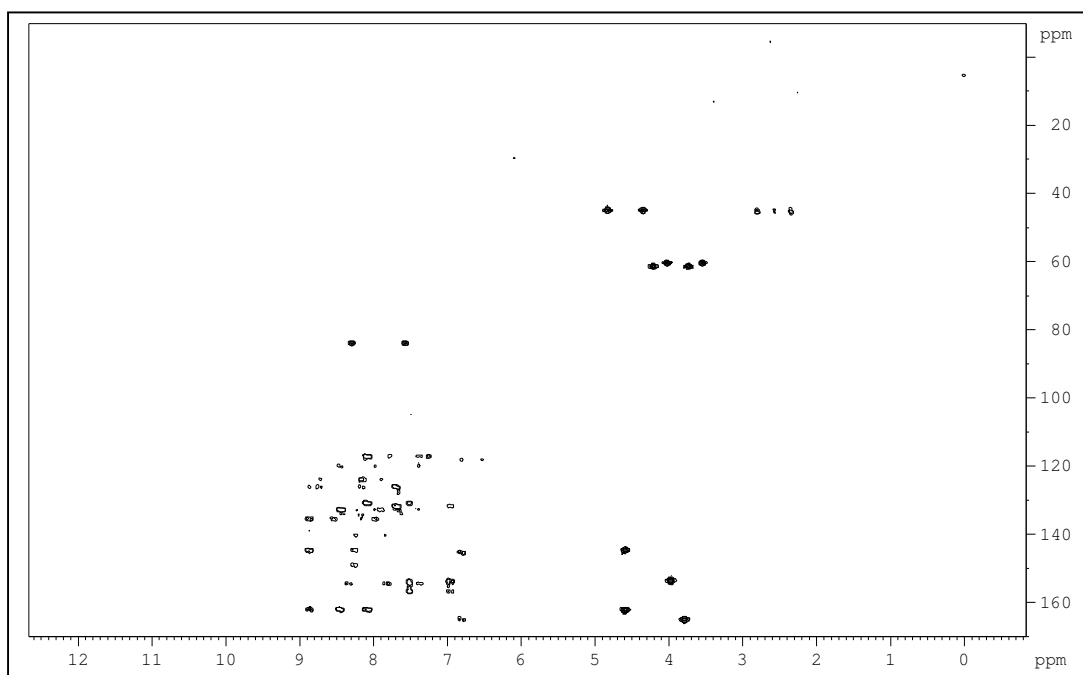
**Figure 109**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B2F**



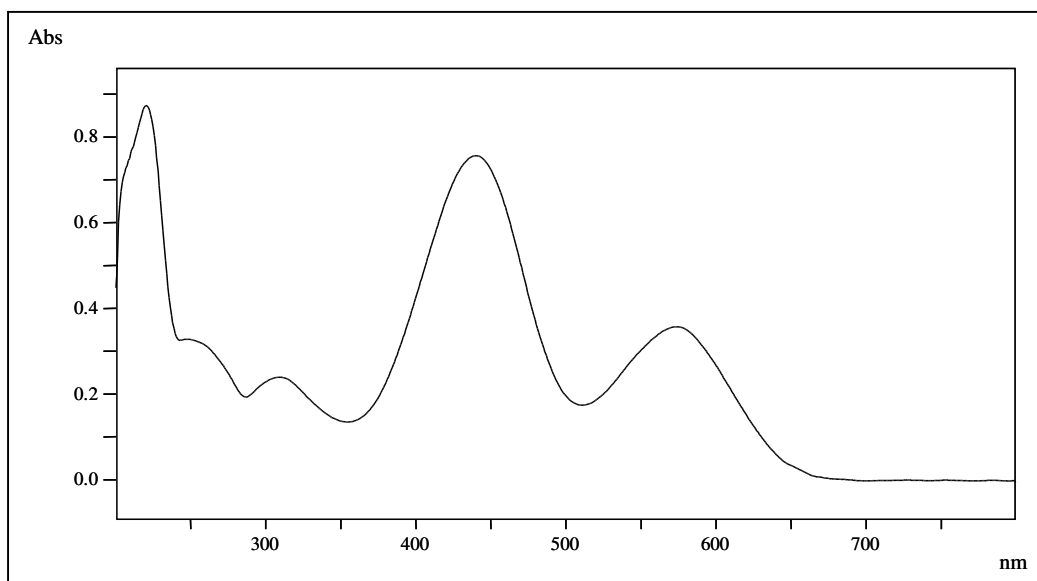
**Figure 110**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B2F**



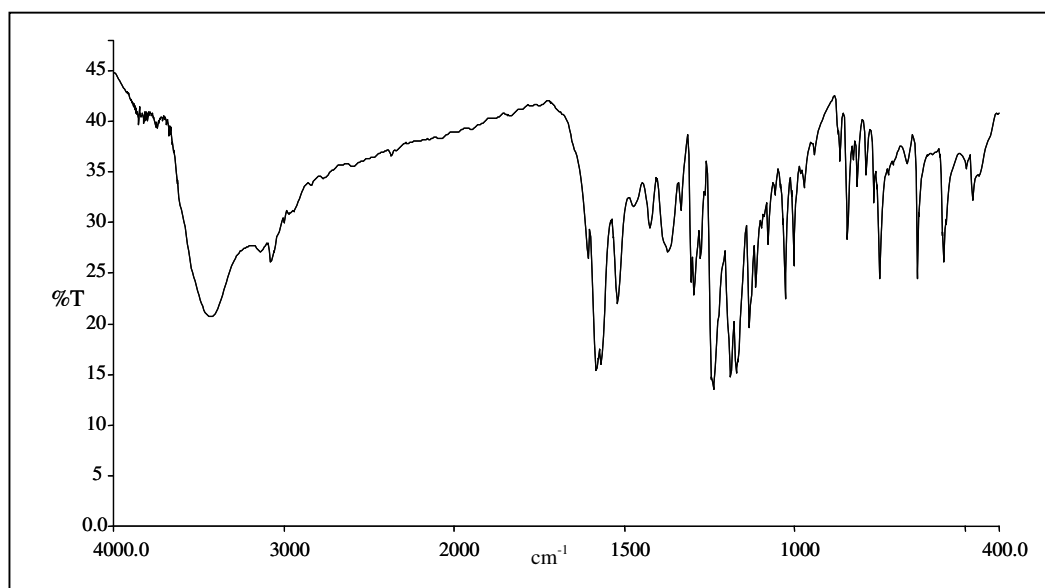
**Figure 111** DEPT 135 °C (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO}-d_6$ ) spectrum of compound **B2F**



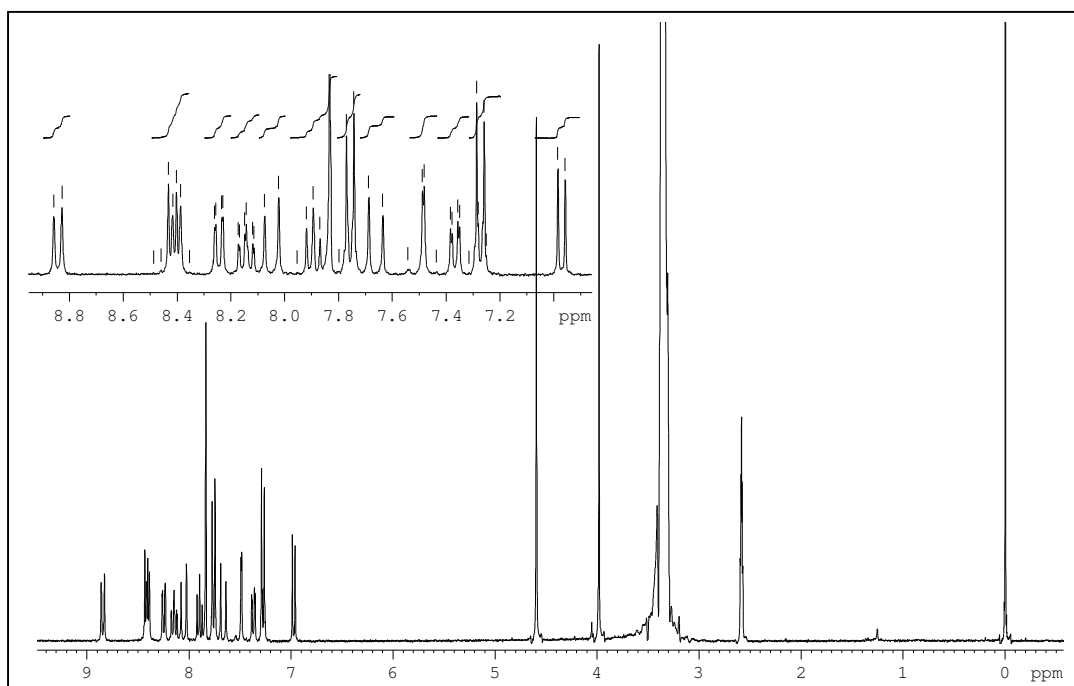
**Figure 112** 2D HMBC spectrum of compound **B2F**



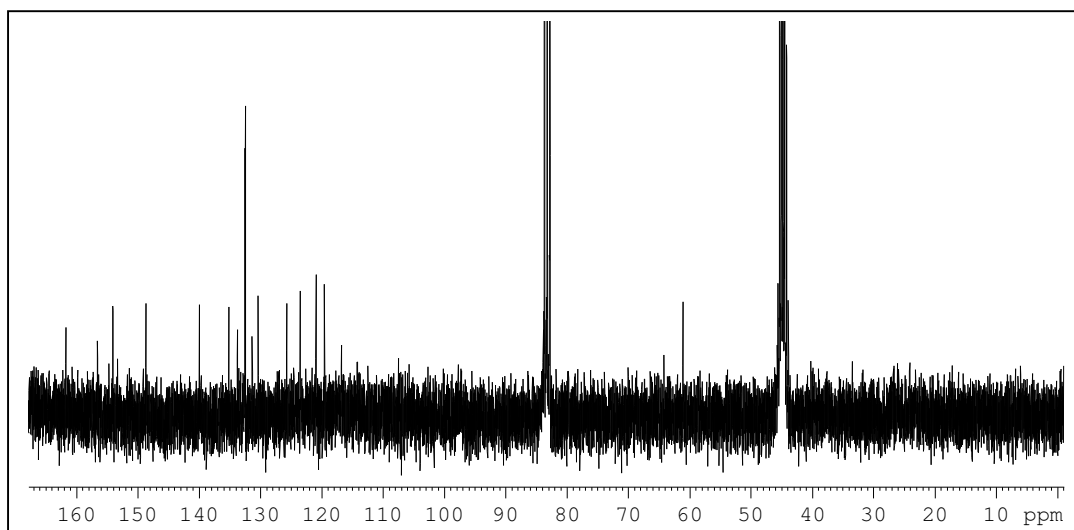
**Figure 113** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B3F**



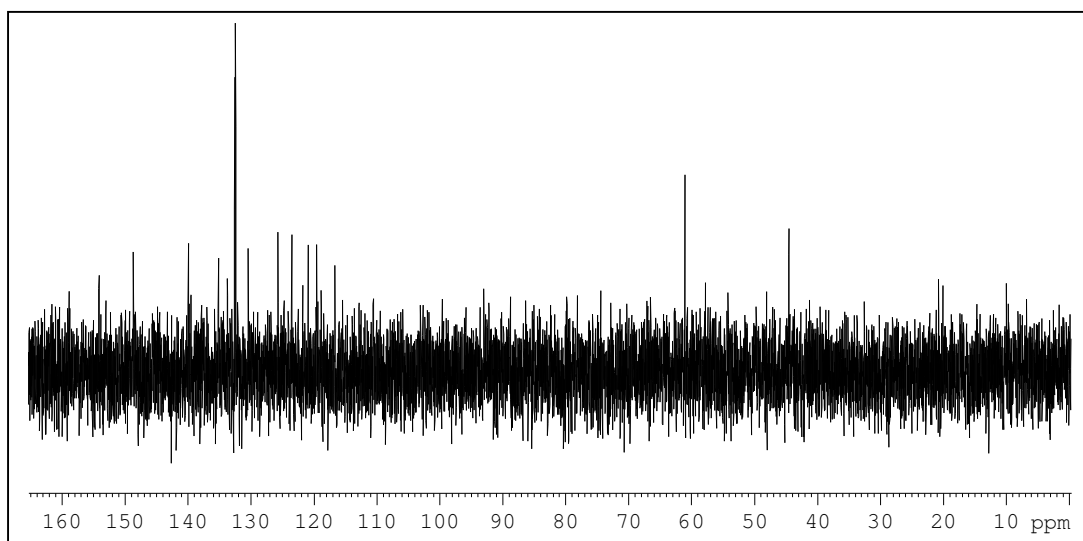
**Figure 114** FT-IR (KBr) spectrum of compound **B3F**



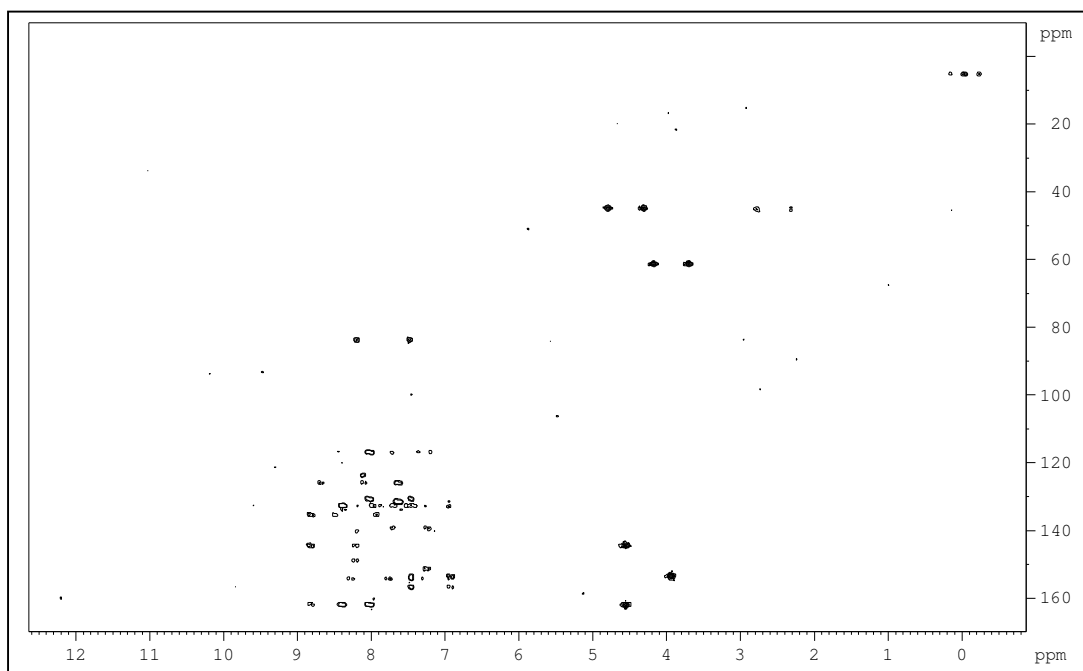
**Figure 115**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3F**



**Figure 116**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3F**

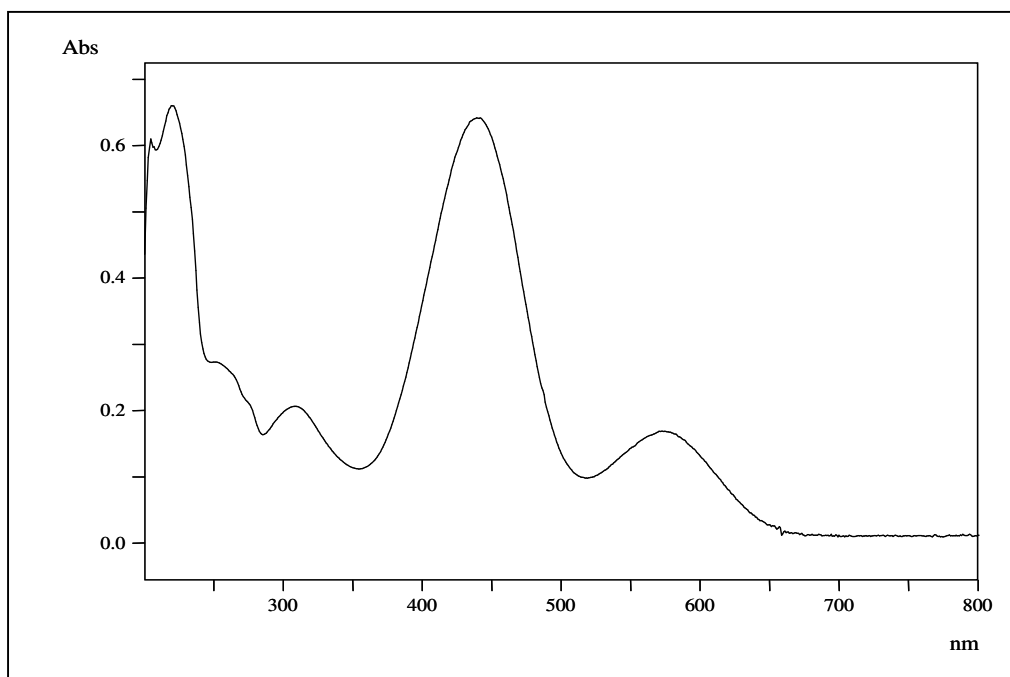


**Figure 117** DEPT 135 °C (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3F**

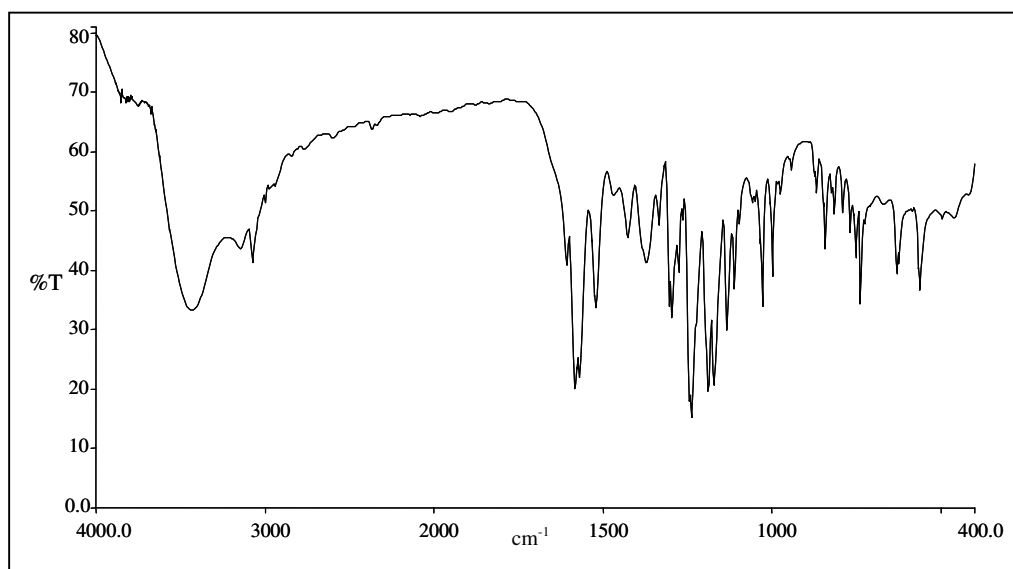


**Figure 118** 2D HMBC spectrum of compound **B3F**

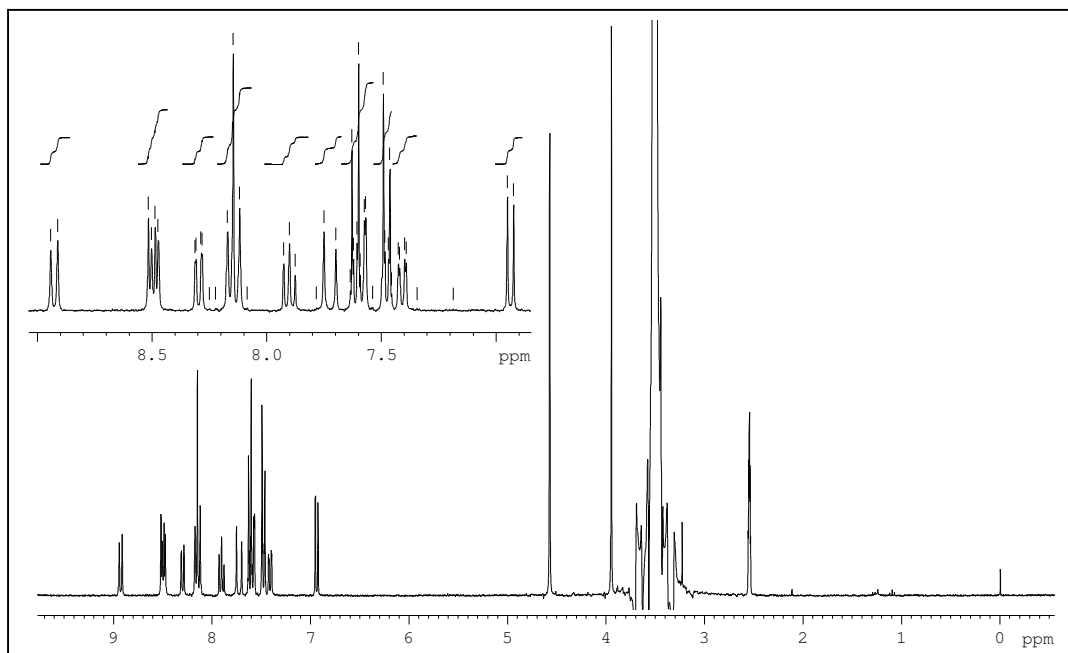




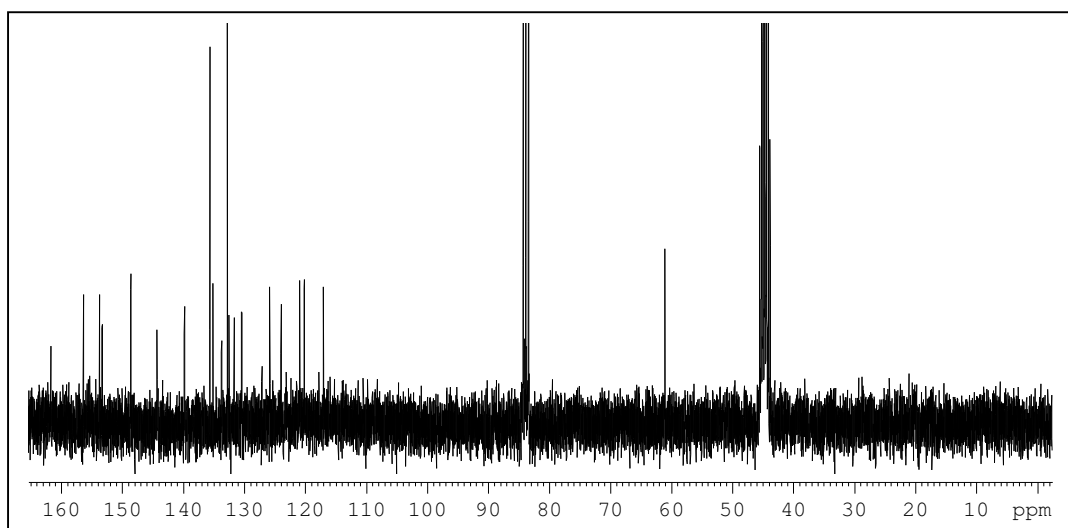
**Figure 119** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B4F**



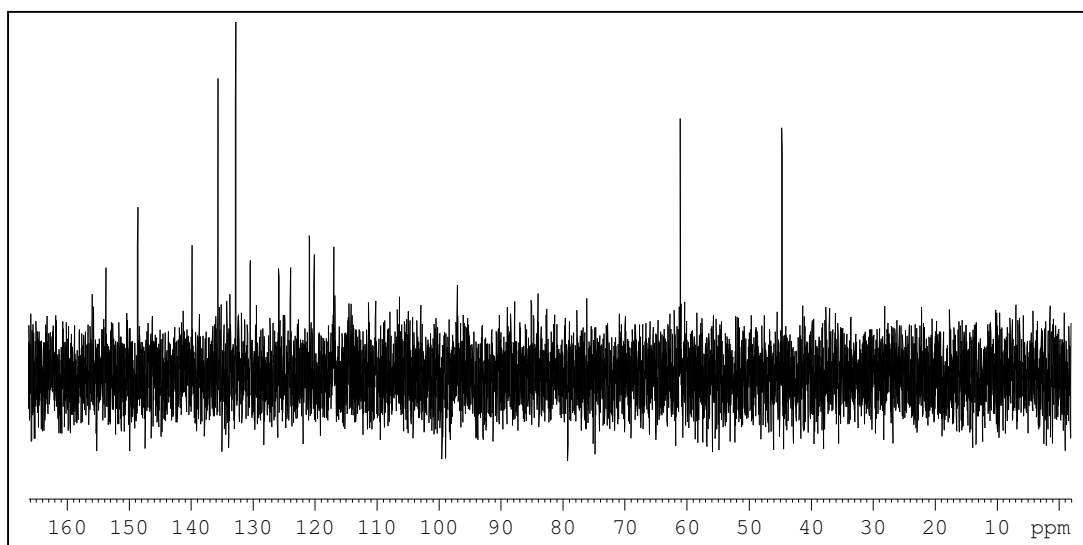
**Figure 120** FT-IR (KBr) spectrum of compound **B4F**



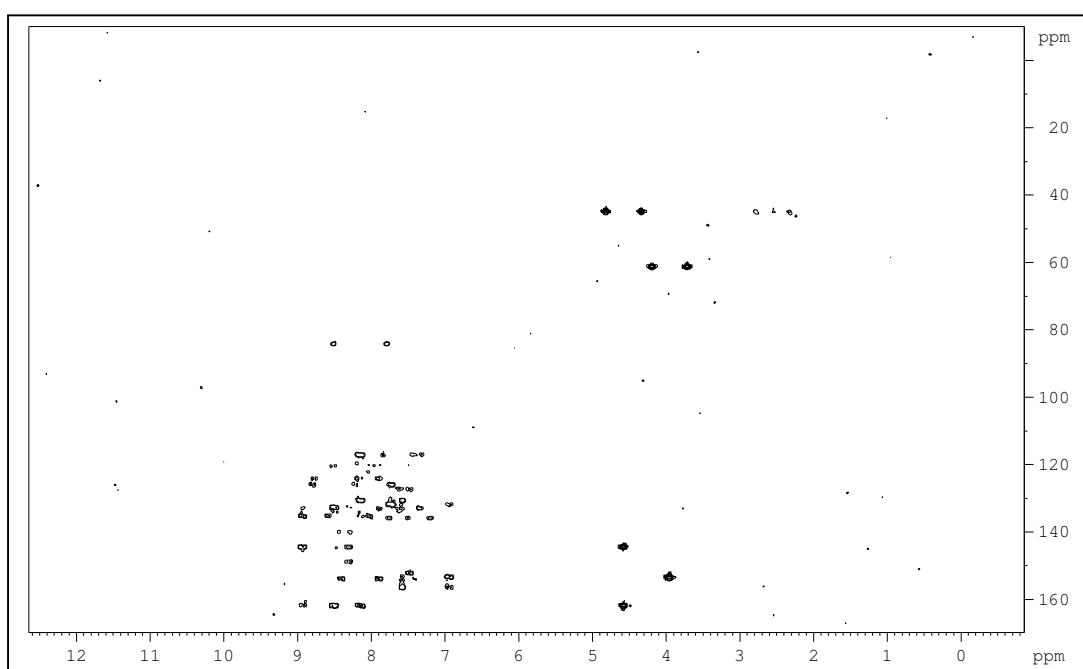
**Figure 121**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B4F**



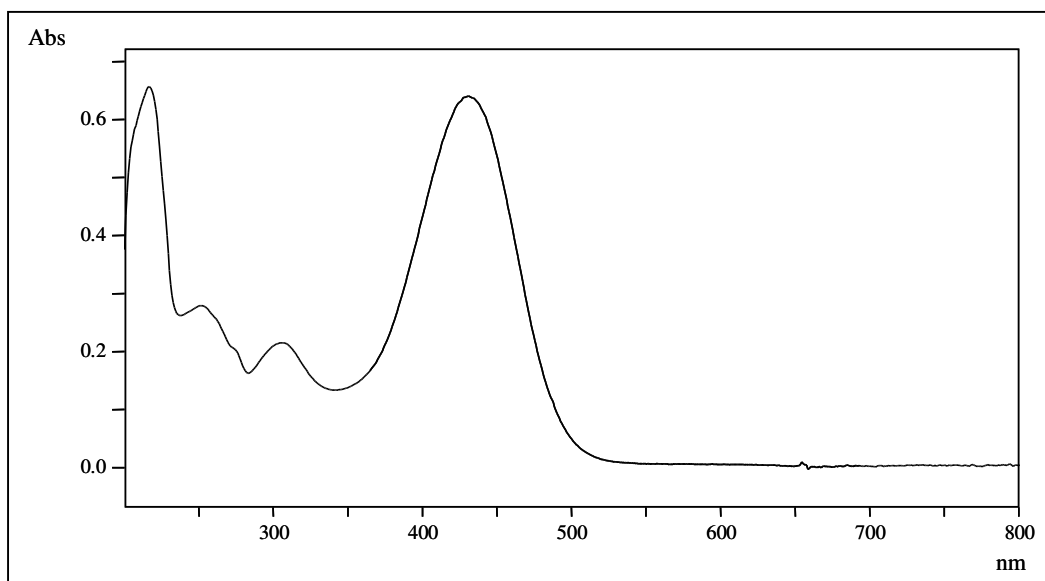
**Figure 122**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B4F**



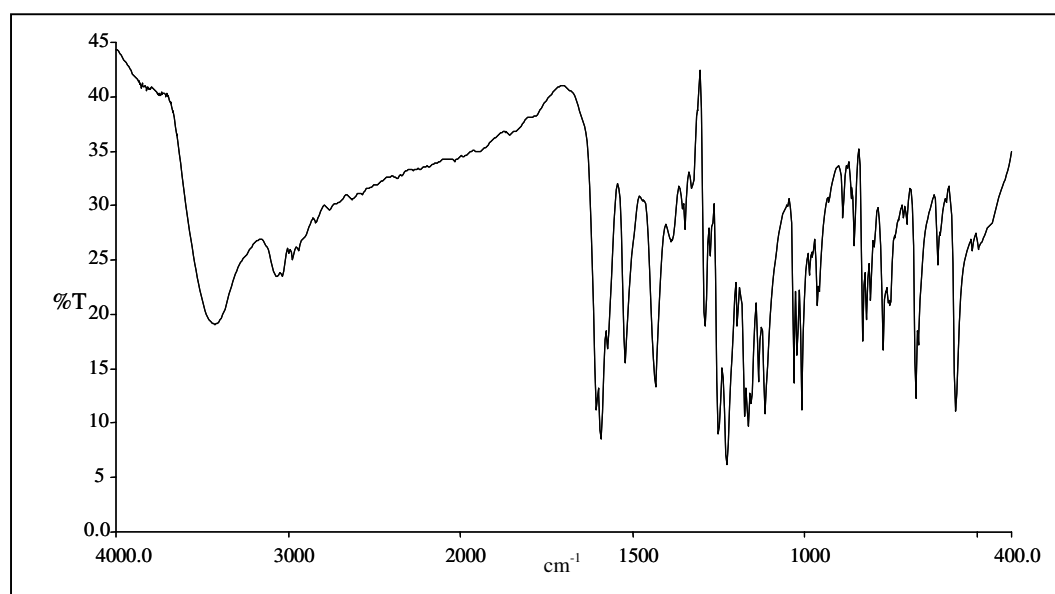
**Figure 123** DEPT 135 °C (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B4F**



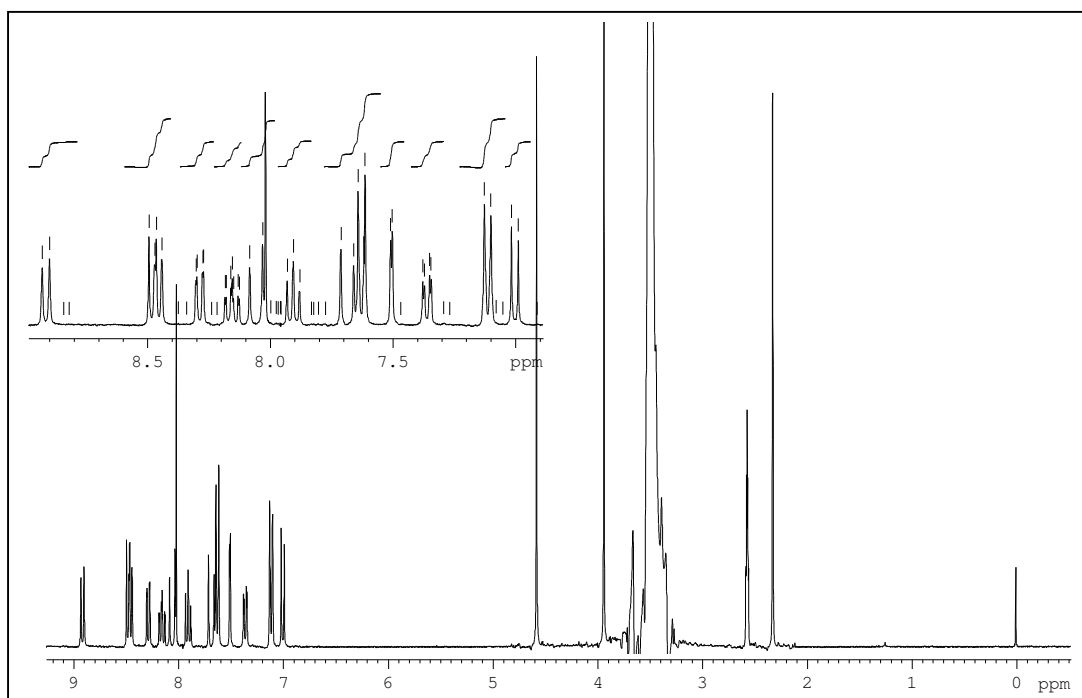
**Figure 124** 2D HMBC spectrum of compound **B4F**



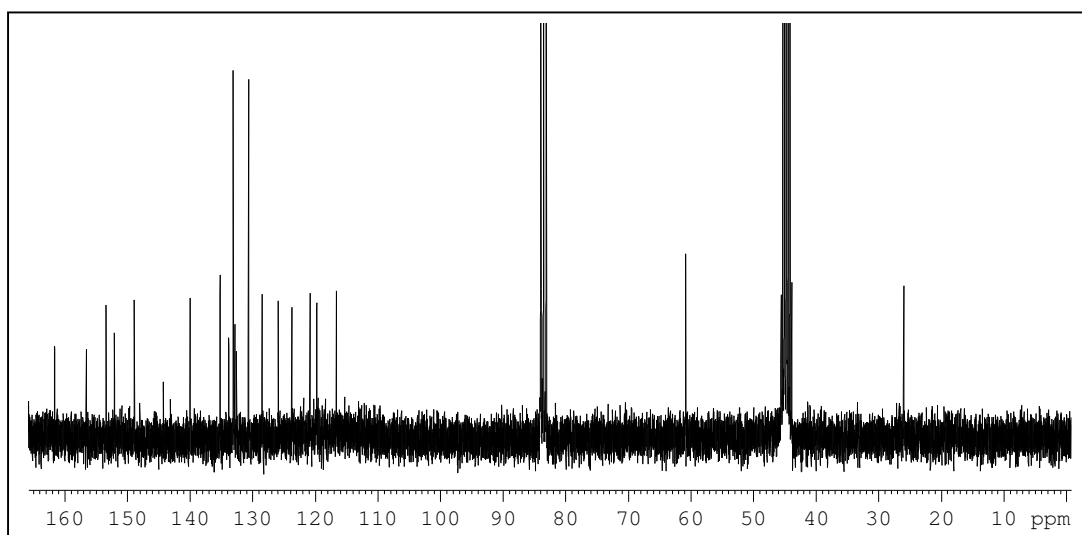
**Figure 125** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B1G**



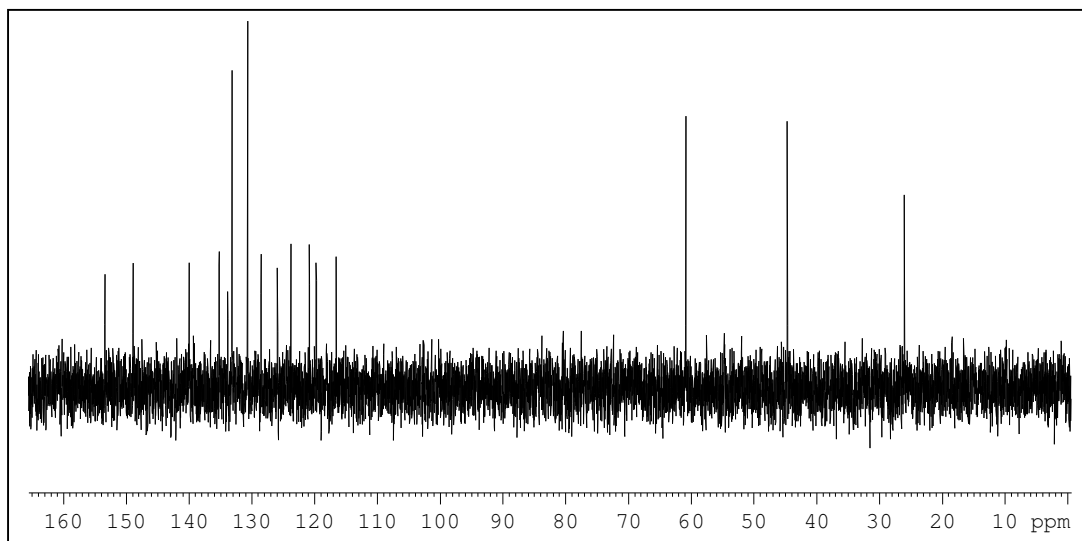
**Figure 126** FT-IR (KBr) spectrum of compound **B1G**



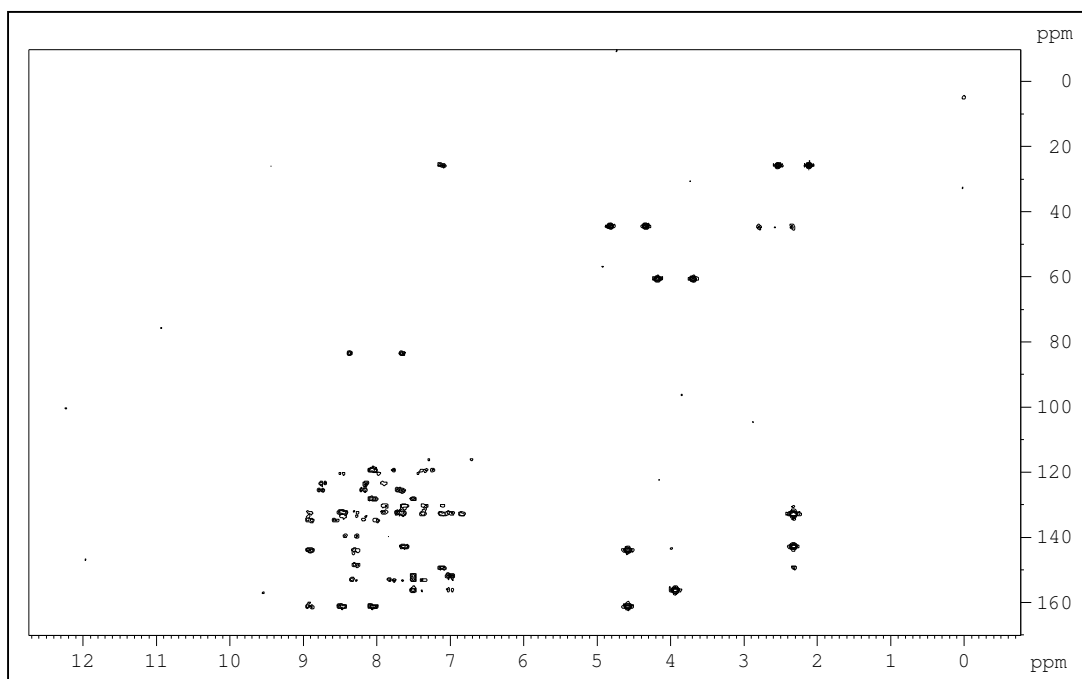
**Figure 127**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B1G**



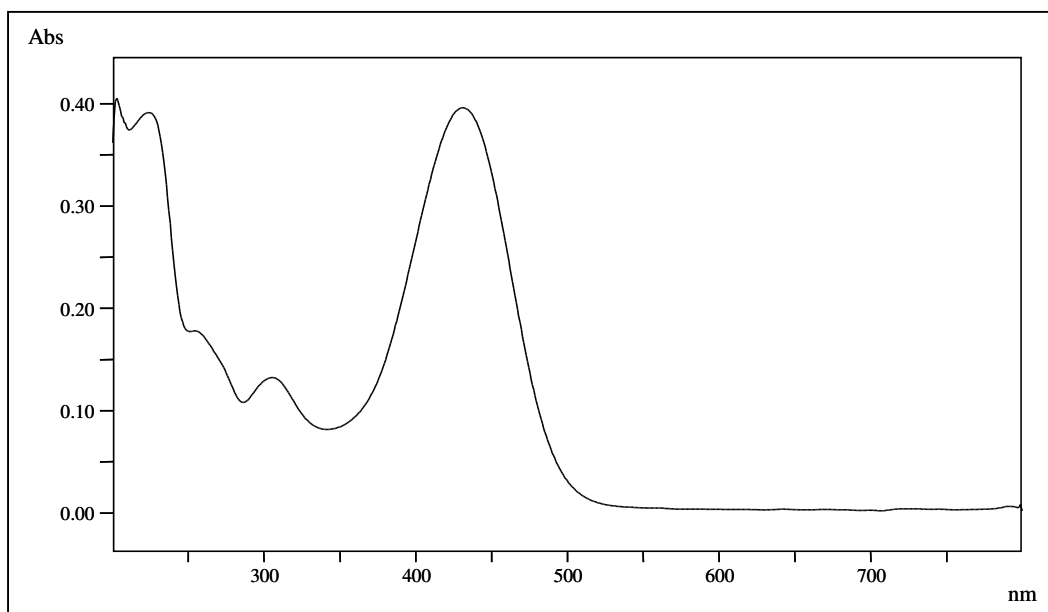
**Figure 128**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B1G**



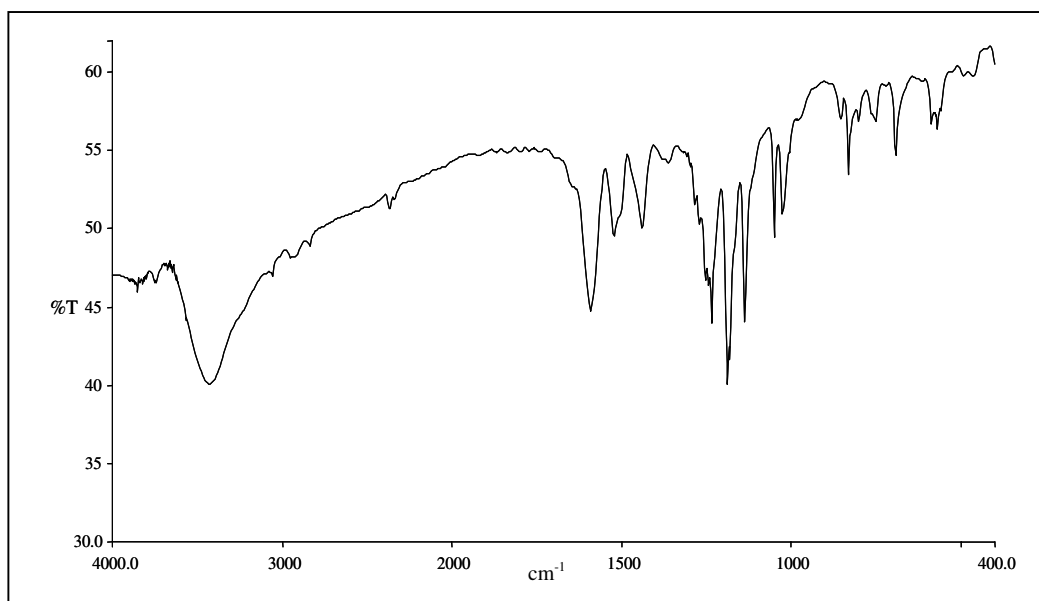
**Figure 129** DEPT 135 °C (75 MHz, CDCl<sub>3</sub> + DMSO-*d*<sub>6</sub>) spectrum of compound **B1G**



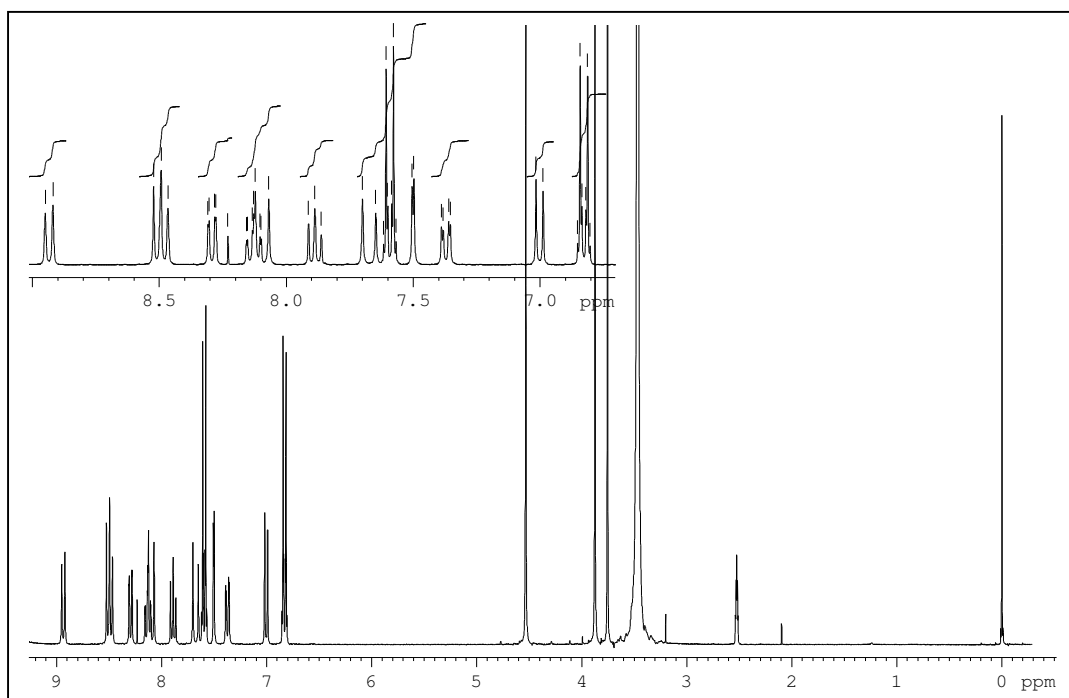
**Figure 130** 2D HMBC spectrum of compound **B1G**



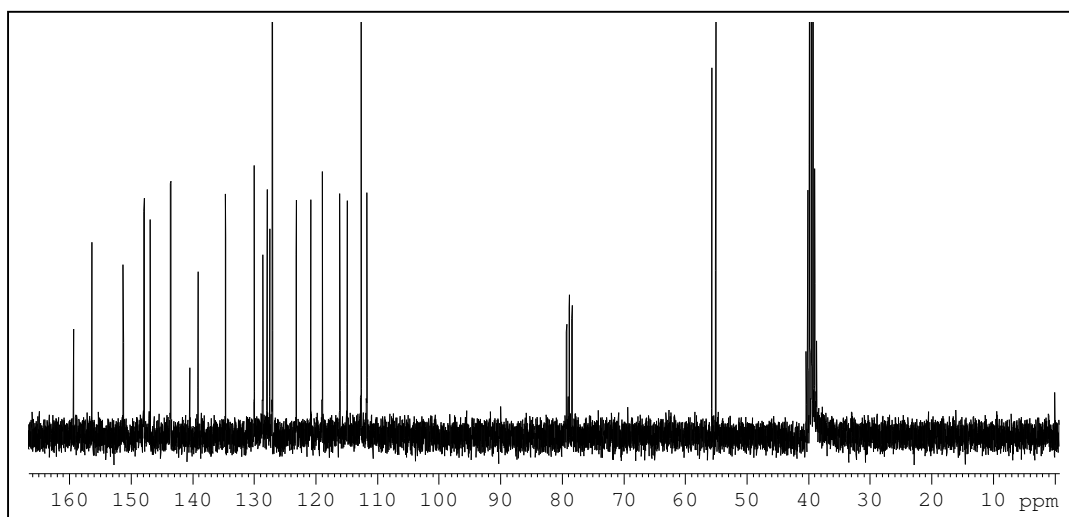
**Figure 131** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B2G**



**Figure 132** FT-IR (KBr) spectrum of compound **B2G**

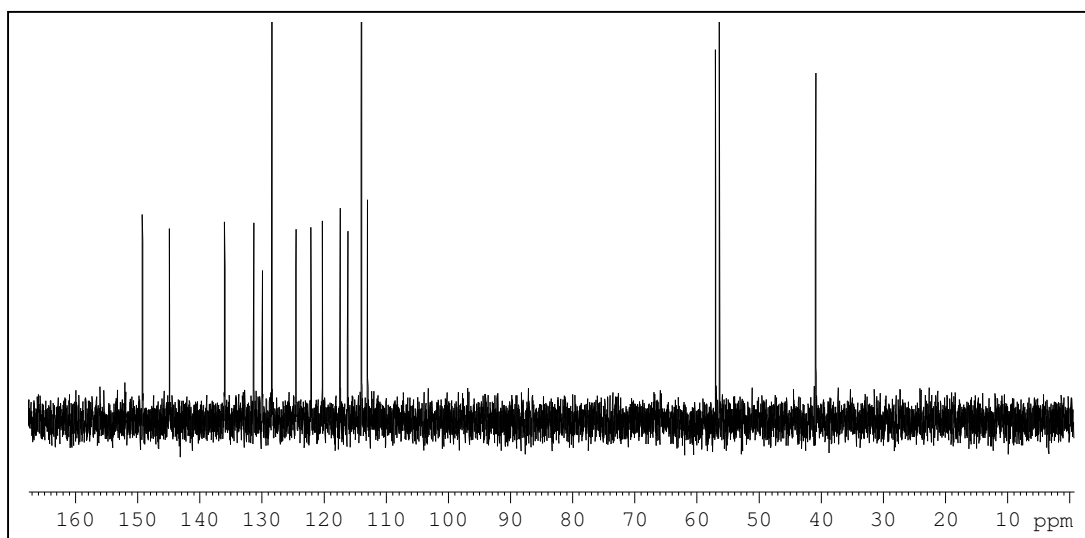


**Figure 133**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B2G**

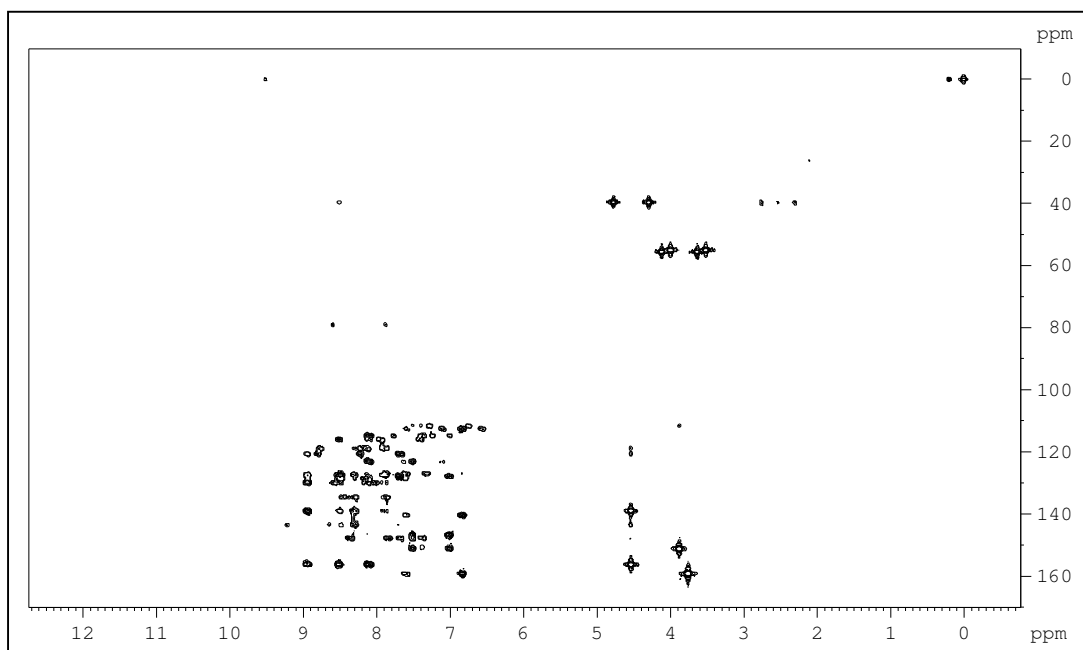


**Figure 134**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B2G**

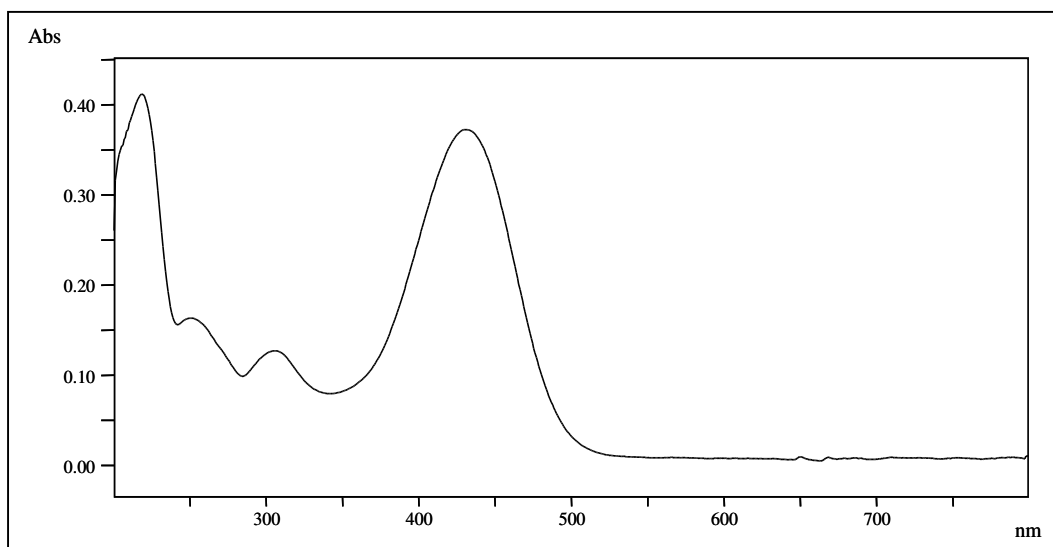




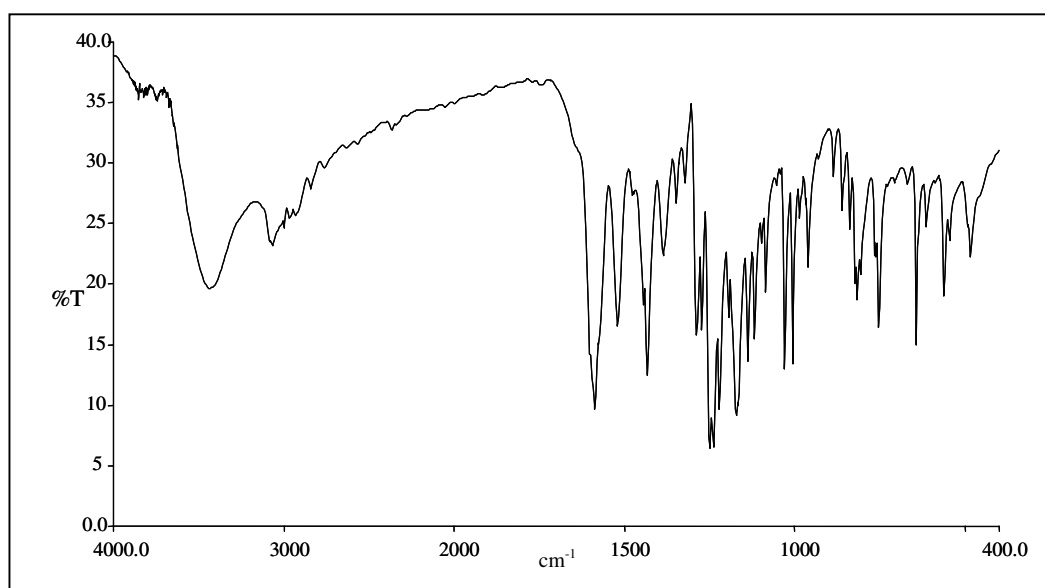
**Figure 135** DEPT 135 °C (75 MHz, CDCl<sub>3</sub> + DMSO-*d*<sub>6</sub>) spectrum of compound **B2G**



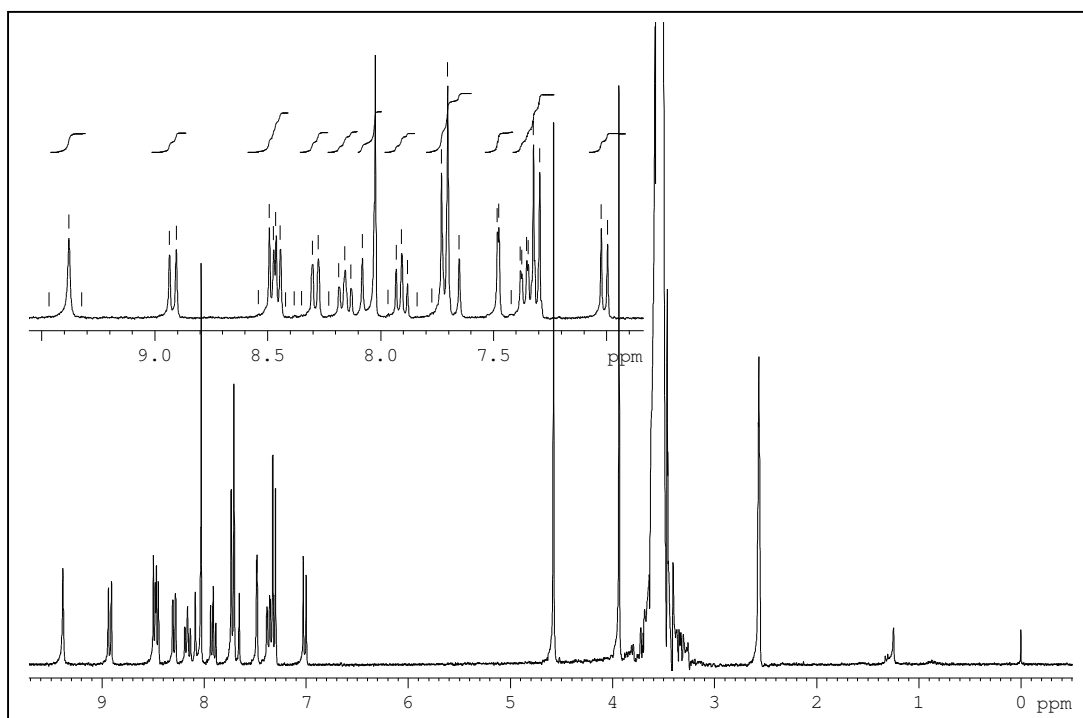
**Figure 136** 2D HMBC spectrum of compound **B2G**



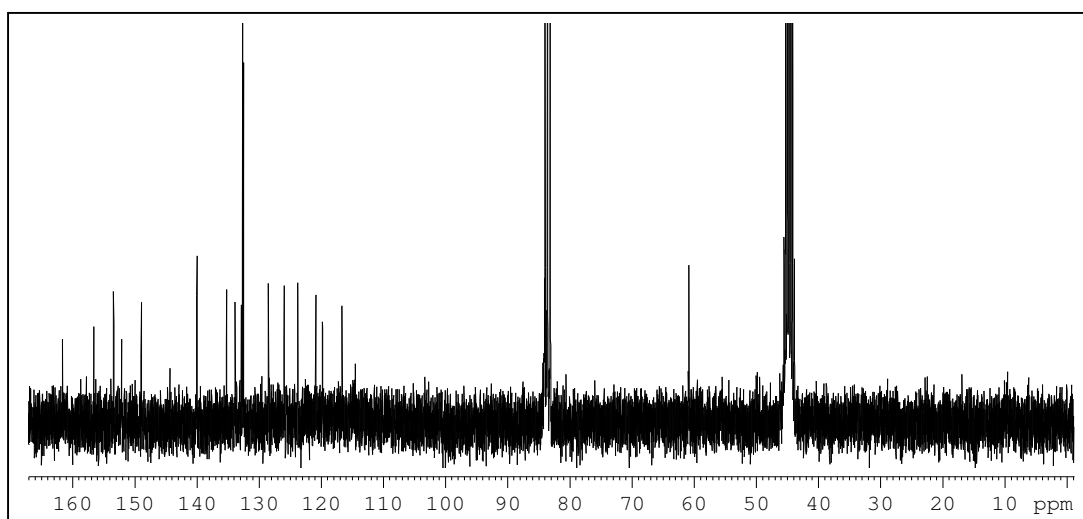
**Figure 137** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B3G**



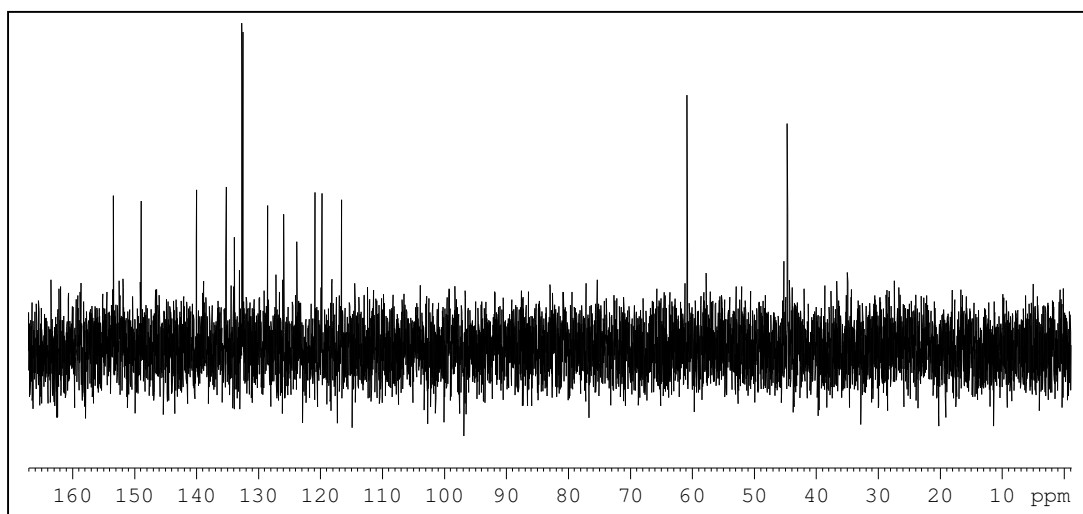
**Figure 138** FT-IR (KBr) spectrum of compound **B3G**



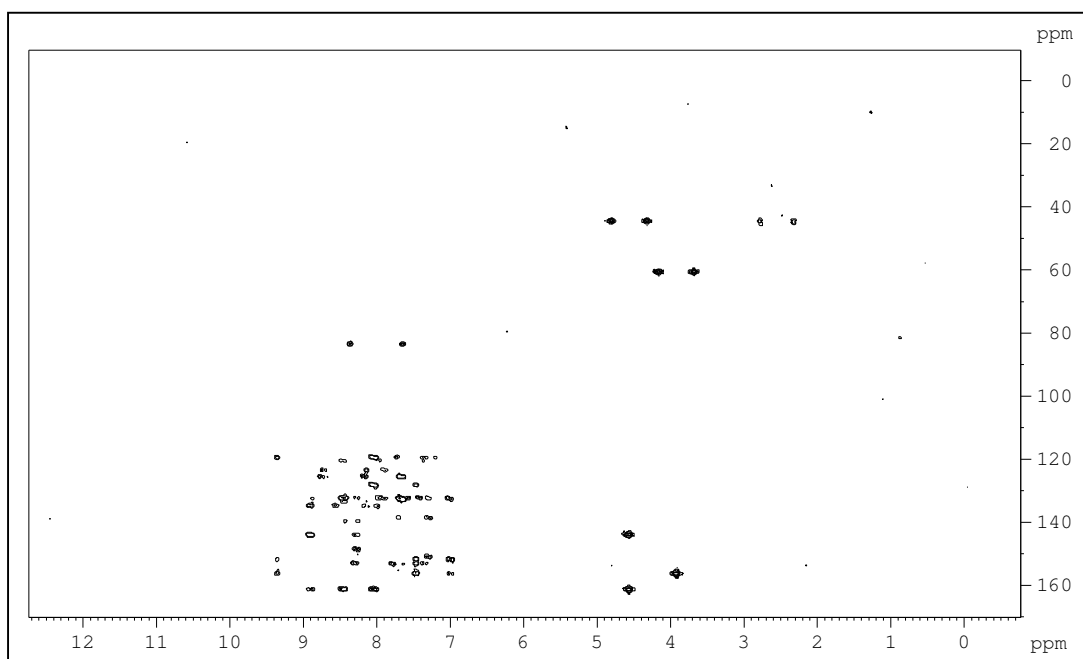
**Figure 139**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B3G**



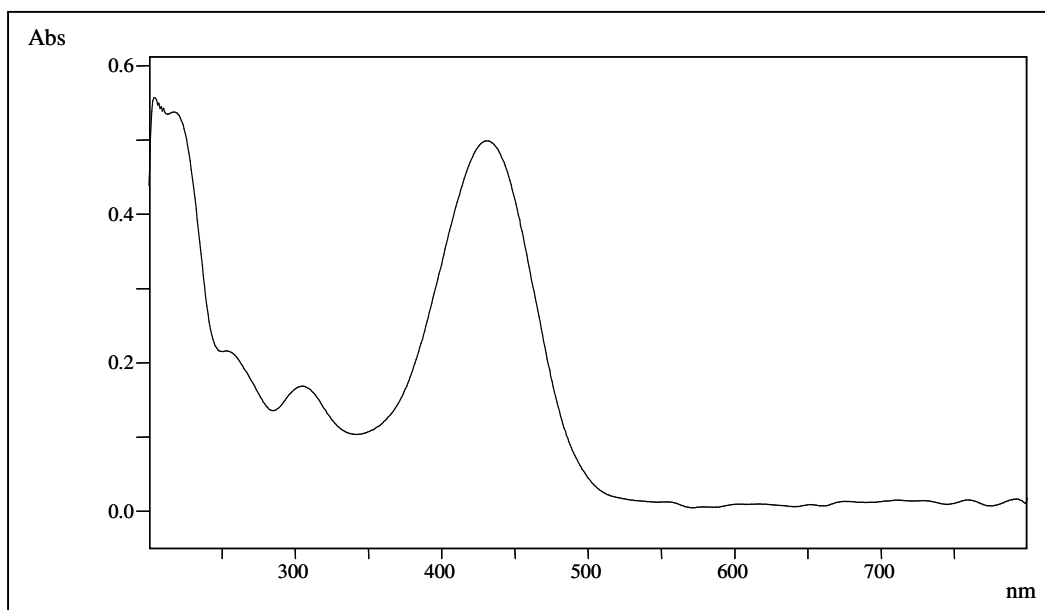
**Figure 140**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B3G**



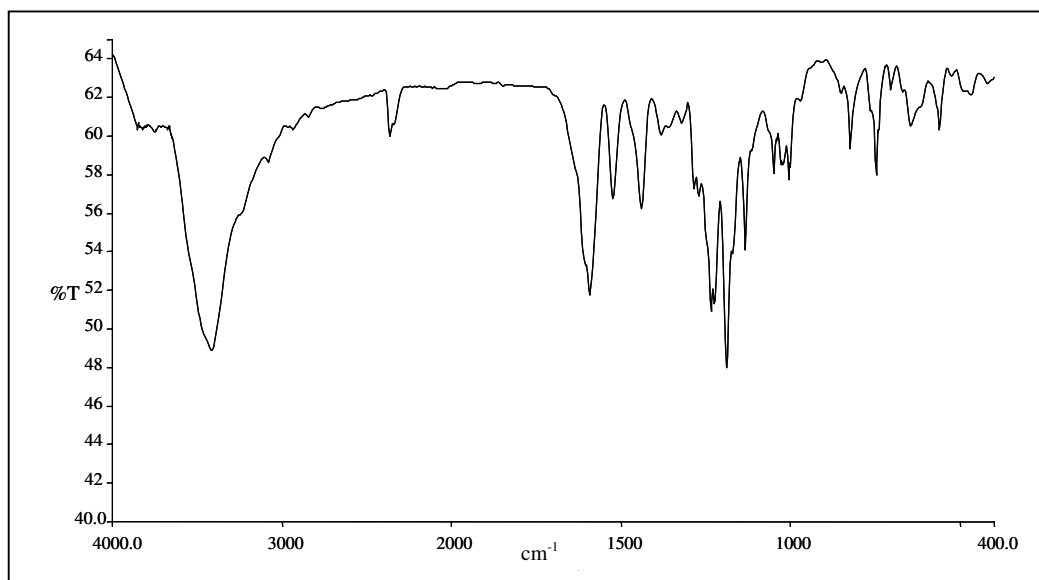
**Figure 141** DEPT 135 °C (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B3G**



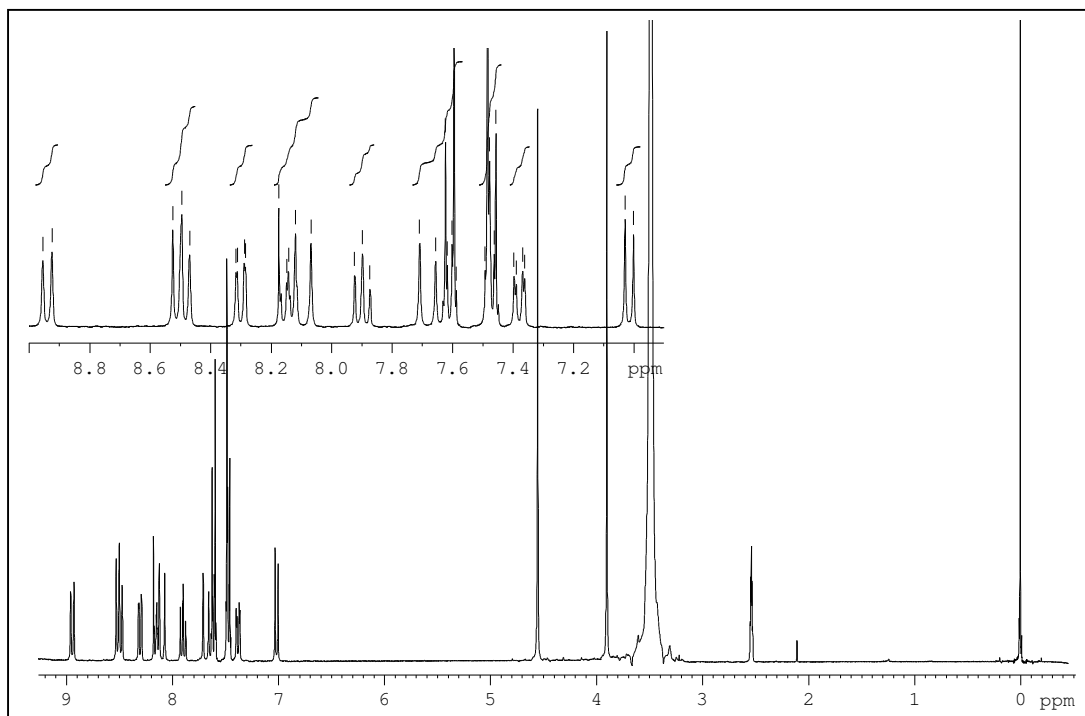
**Figure 142** 2D HMBC spectrum of compound **B3G**



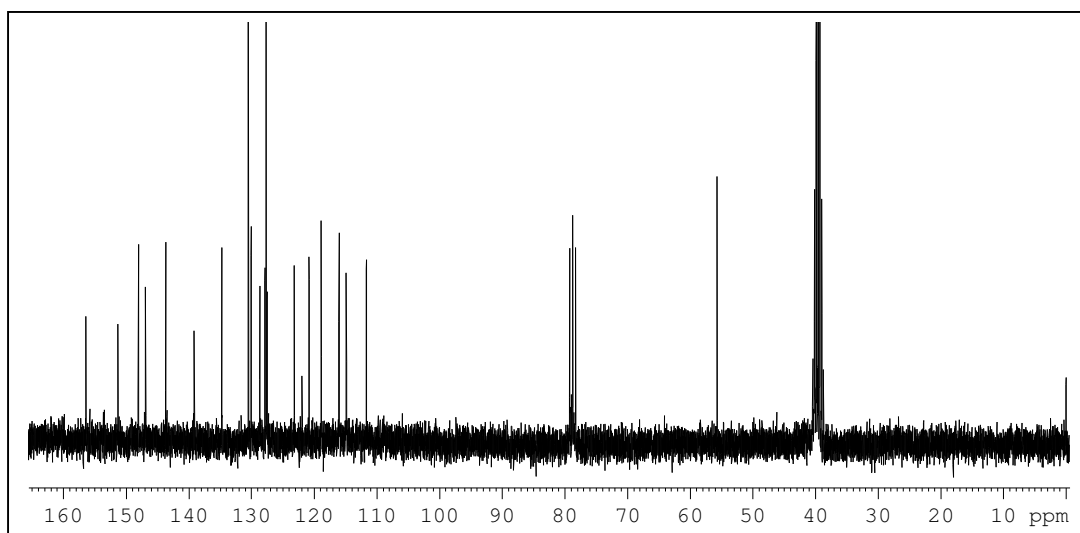
**Figure 143** UV-Vis (CH<sub>3</sub>OH) spectrum of compound **B4G**



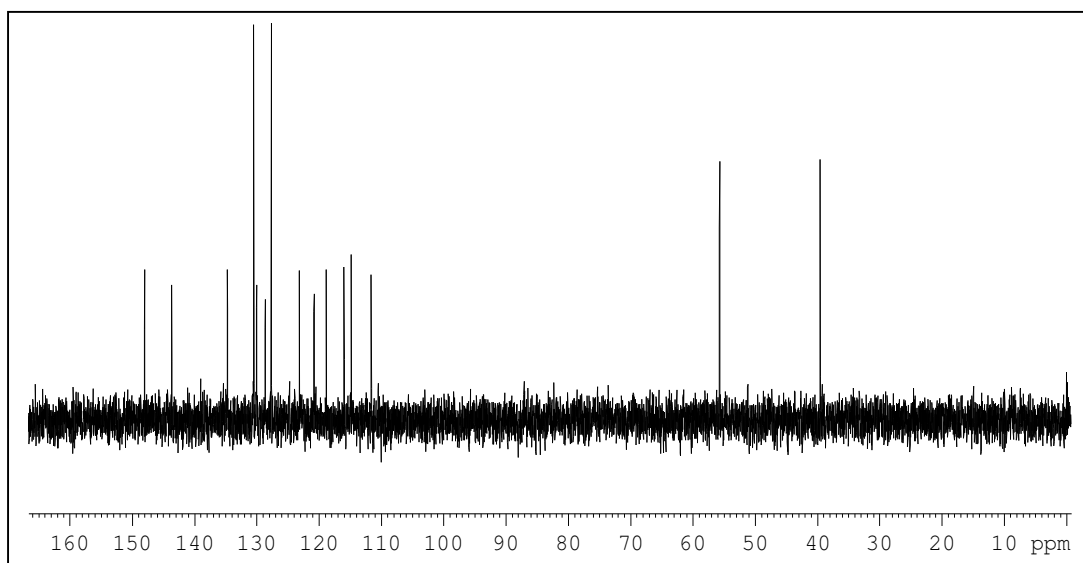
**Figure 144** FT-IR (KBr) spectrum of compound **B4G**



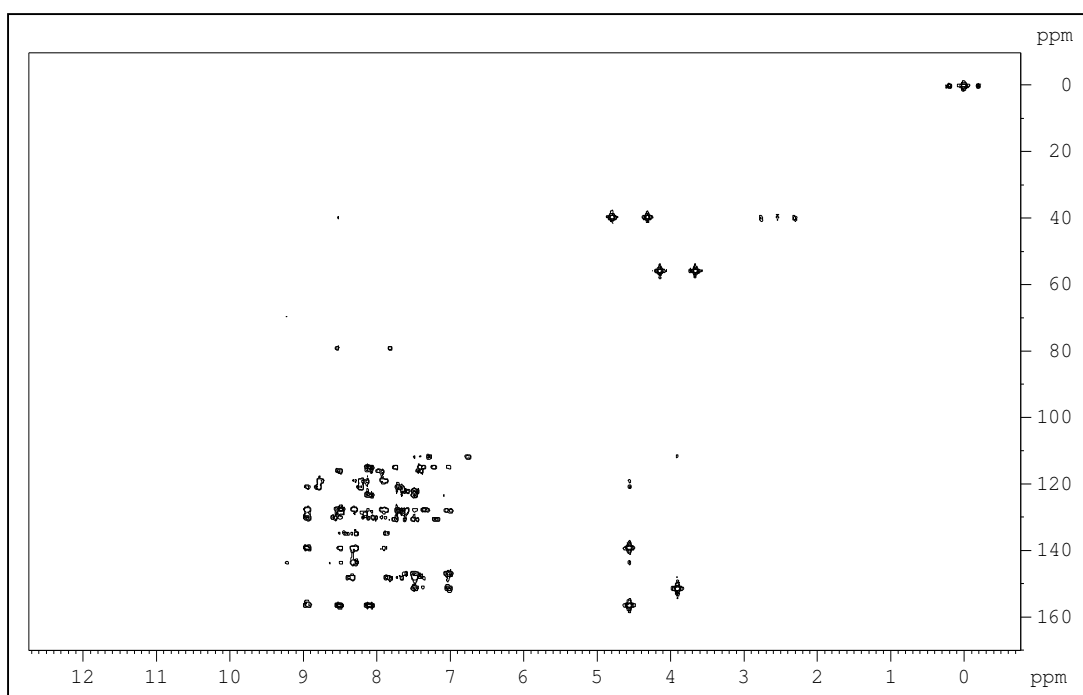
**Figure 145**  $^1\text{H}$  NMR (300 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B4G**



**Figure 146**  $^{13}\text{C}$  NMR (75 MHz,  $\text{CDCl}_3$  +  $\text{DMSO-}d_6$ ) spectrum of compound **B4G**



**Figure 147** DEPT 135 °C (75 MHz,  $\text{CDCl}_3 + \text{DMSO-}d_6$ ) spectrum of compound **B4G**



**Figure 148** 2D HMBC spectrum of compound **B4G**