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Supplementary Materials

**Bioreduction of 4'-hydroxychalcone in deep eutectic solvents:
optimization and efficacy with various yeast strains**

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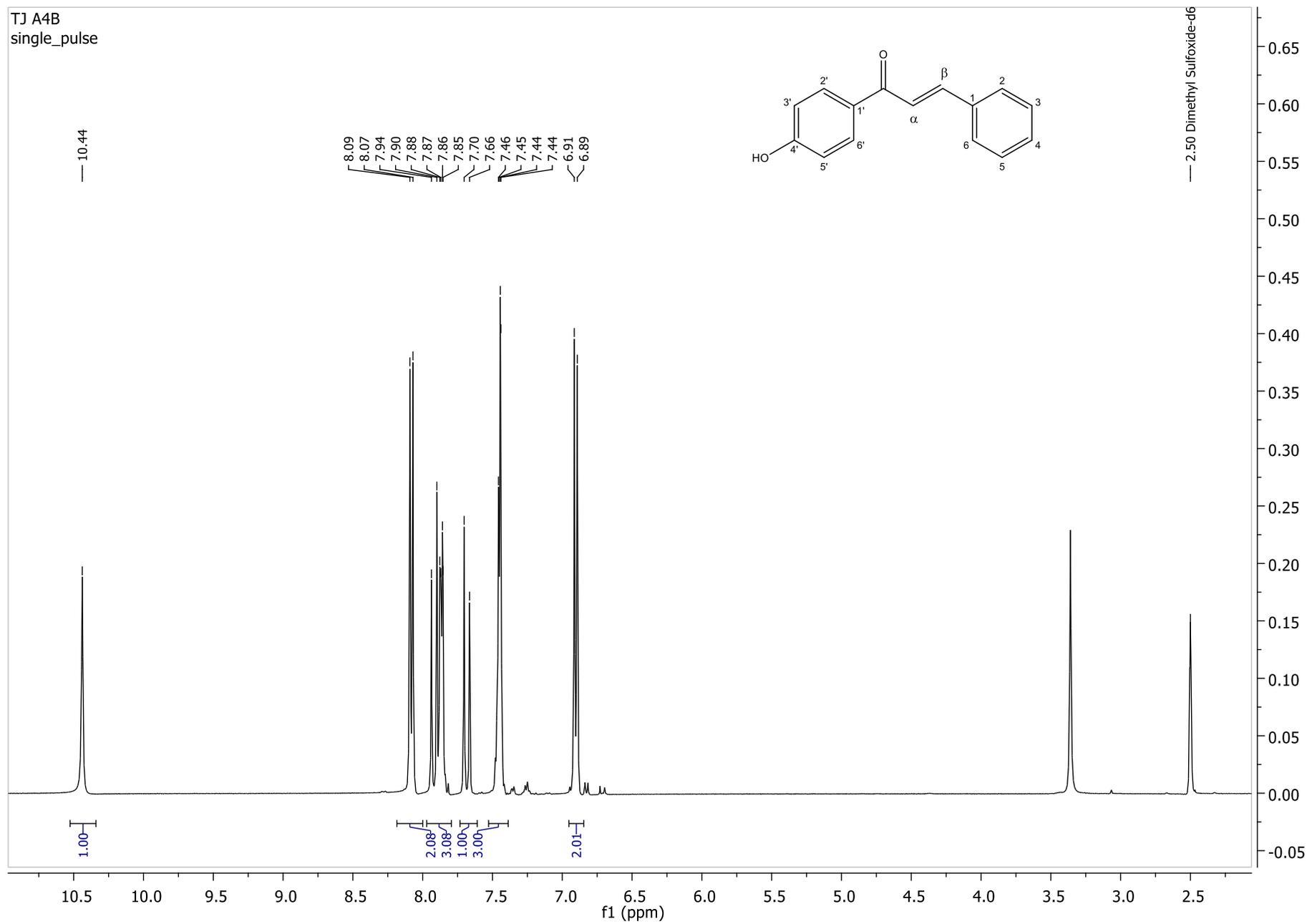


Figure S1: $^1\text{H-NMR}$ spectrum of 4'-hydroxychalcone (*trans*-1).

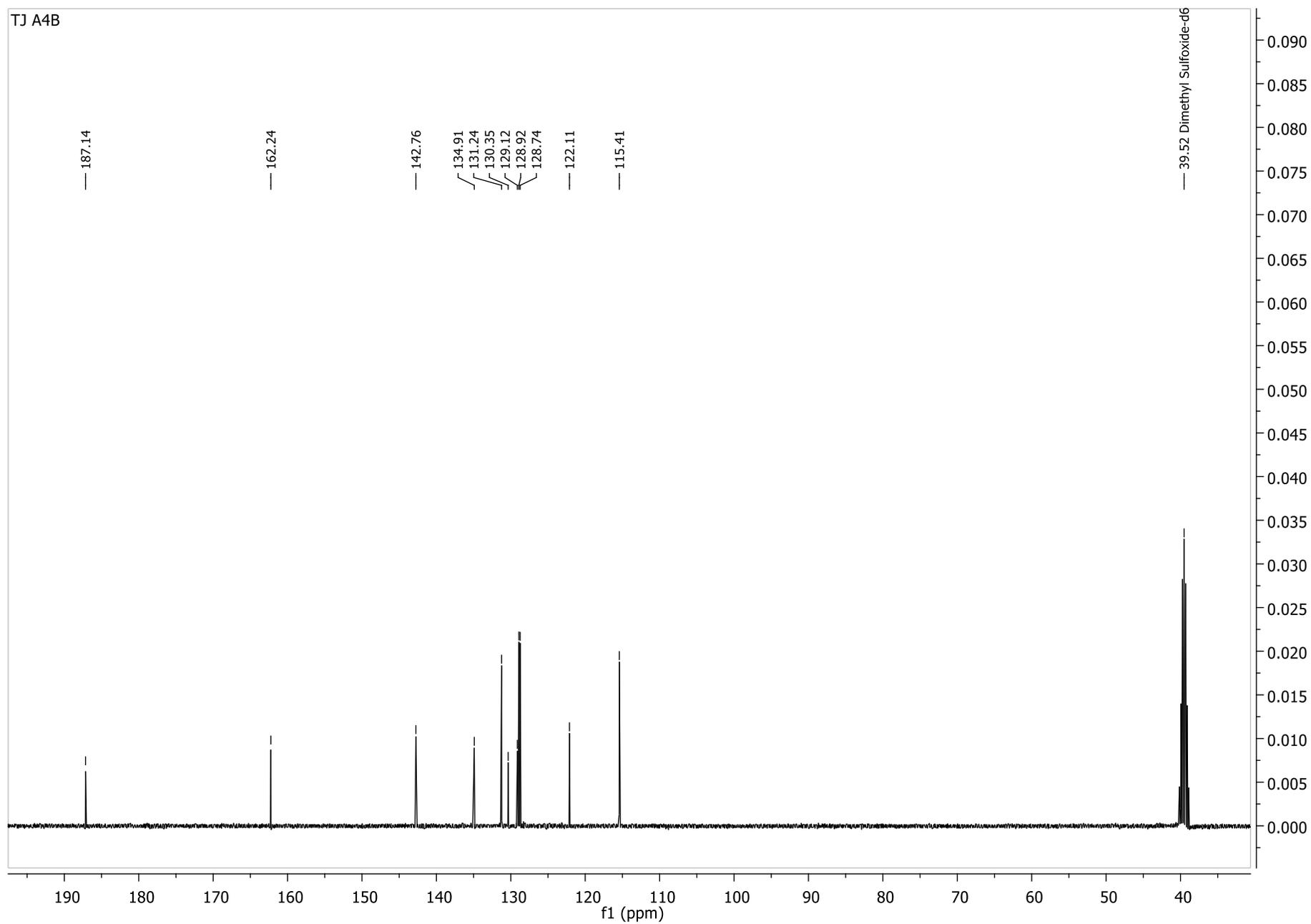


Figure S2: ^{13}C -NMR spectrum of 4'-hydroxychalcone (*trans*-**1**).

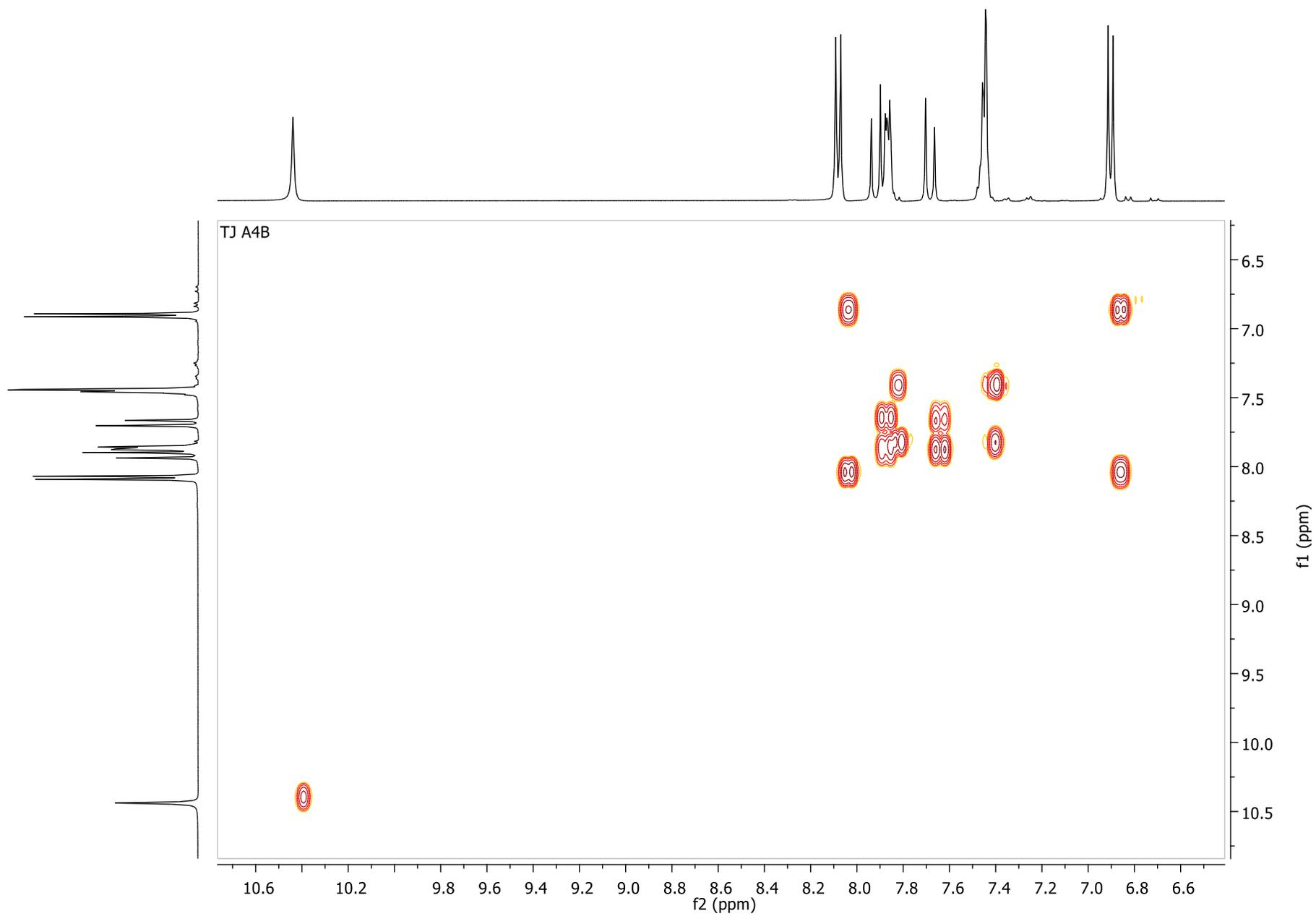


Figure S3: COSY spectrum of 4'-hydroxychalcone (*trans*-1).

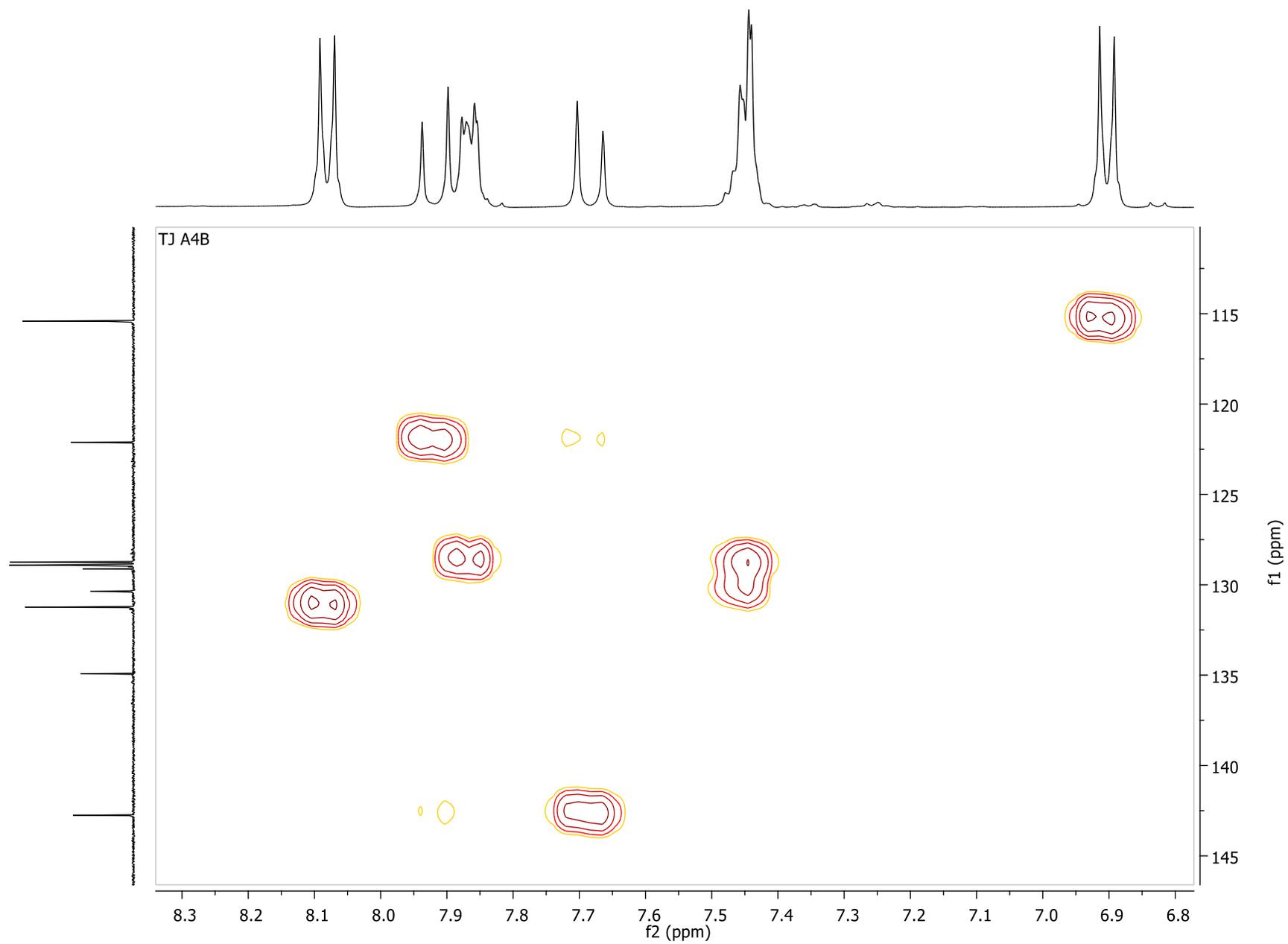


Figure S4: HSQC spectrum of 4'-hydroxychalcone (*trans*-1).

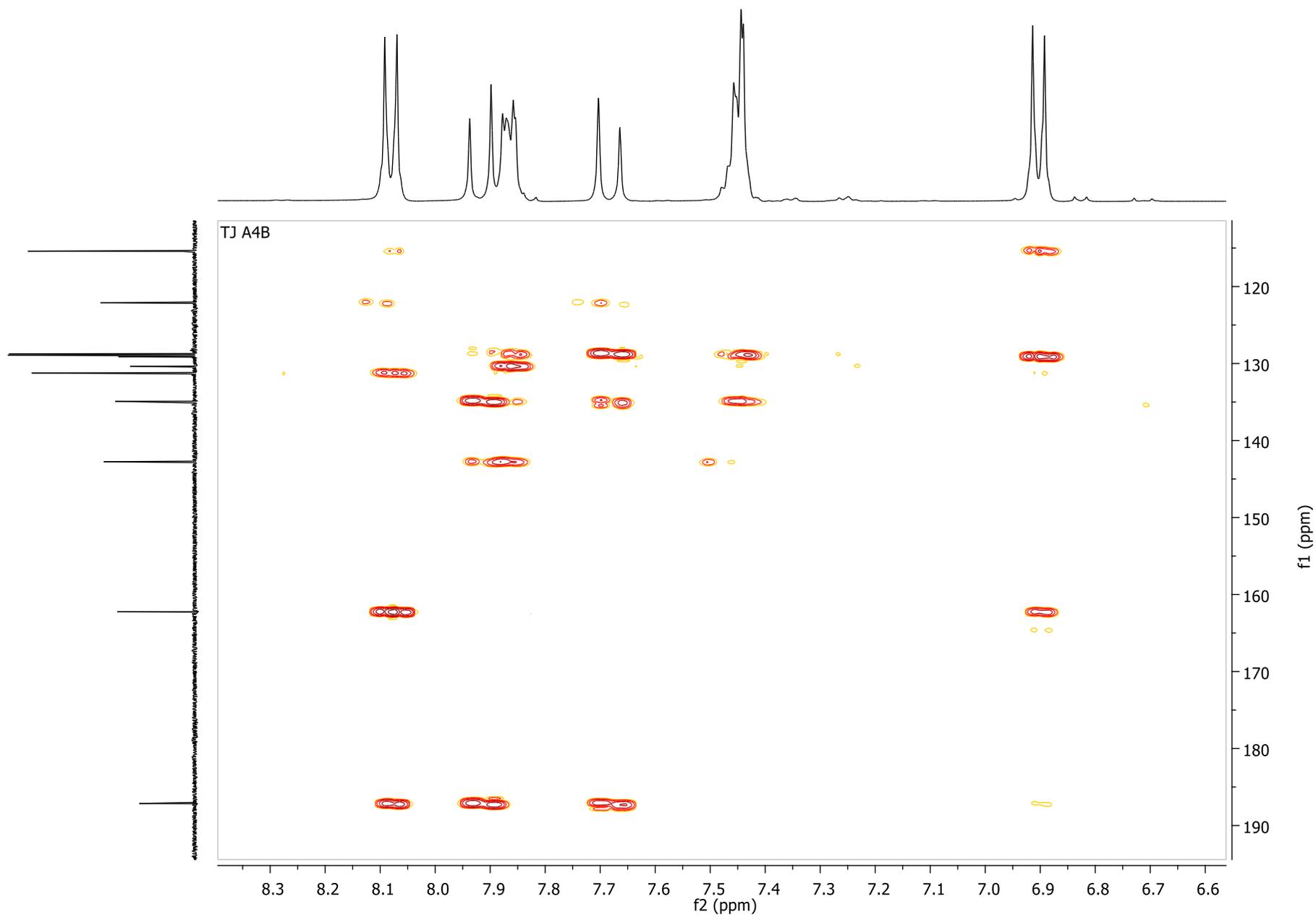


Figure S5: HMBC spectrum of 4'-hydroxychalcone (*trans*-1).

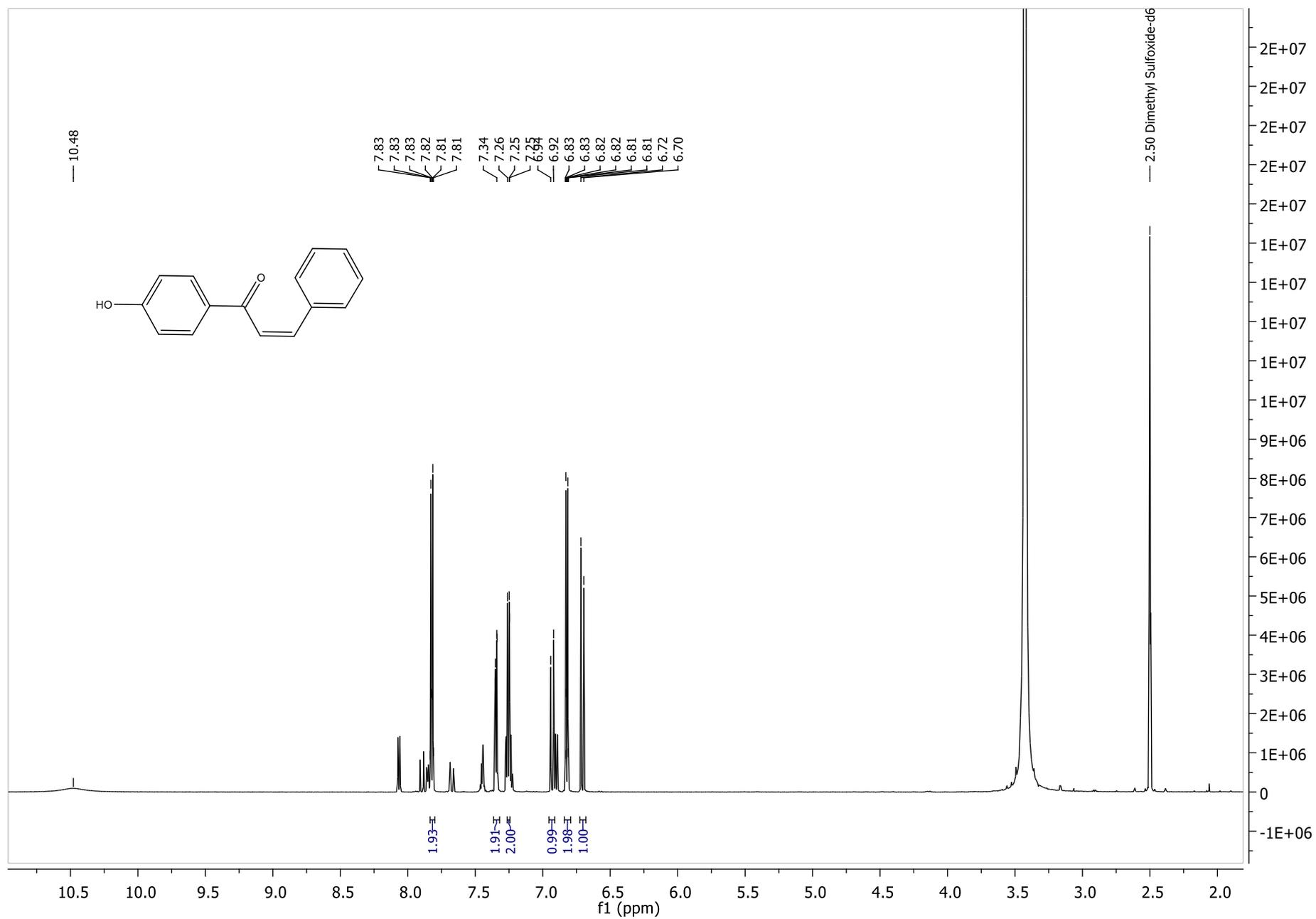


Figure S6: ¹H-NMR spectrum of 4'-hydroxychalcone (*cis*-**1**).

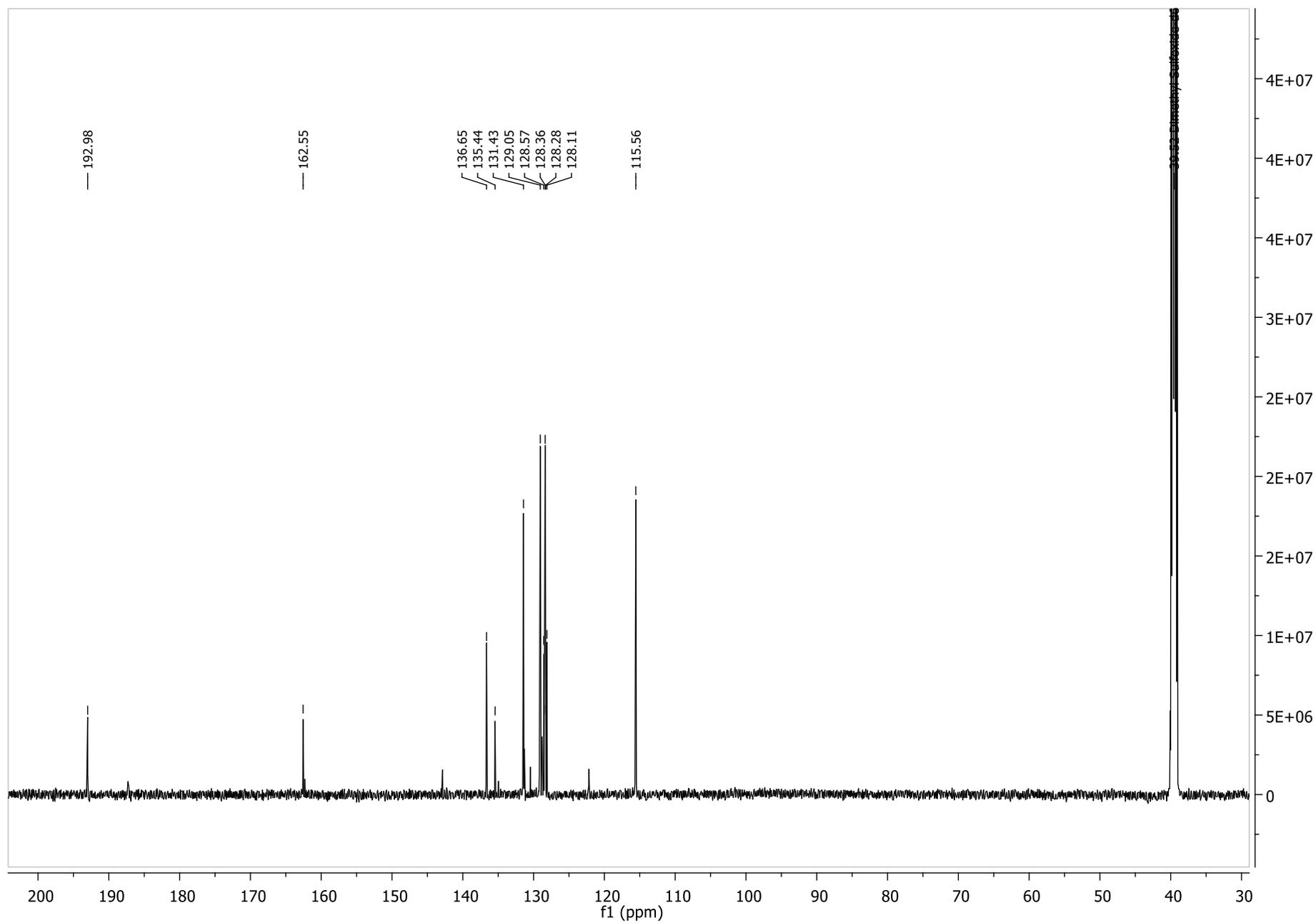


Figure S7: ^{13}C -NMR spectrum of 4'-hydroxychalcone (*cis*-1).

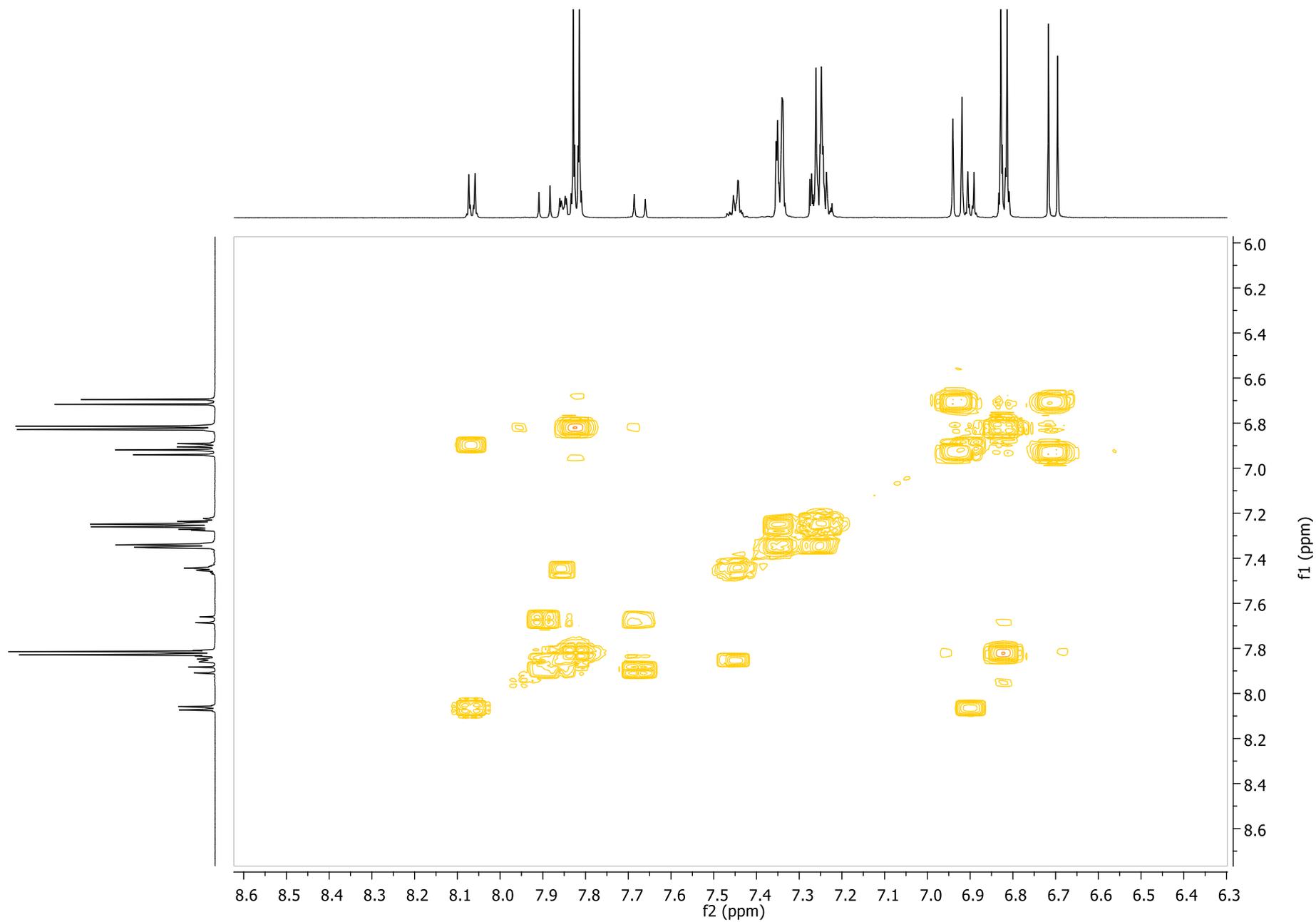


Figure S8: COSY spectrum of 4'-hydroxychalcone (*cis*-1).

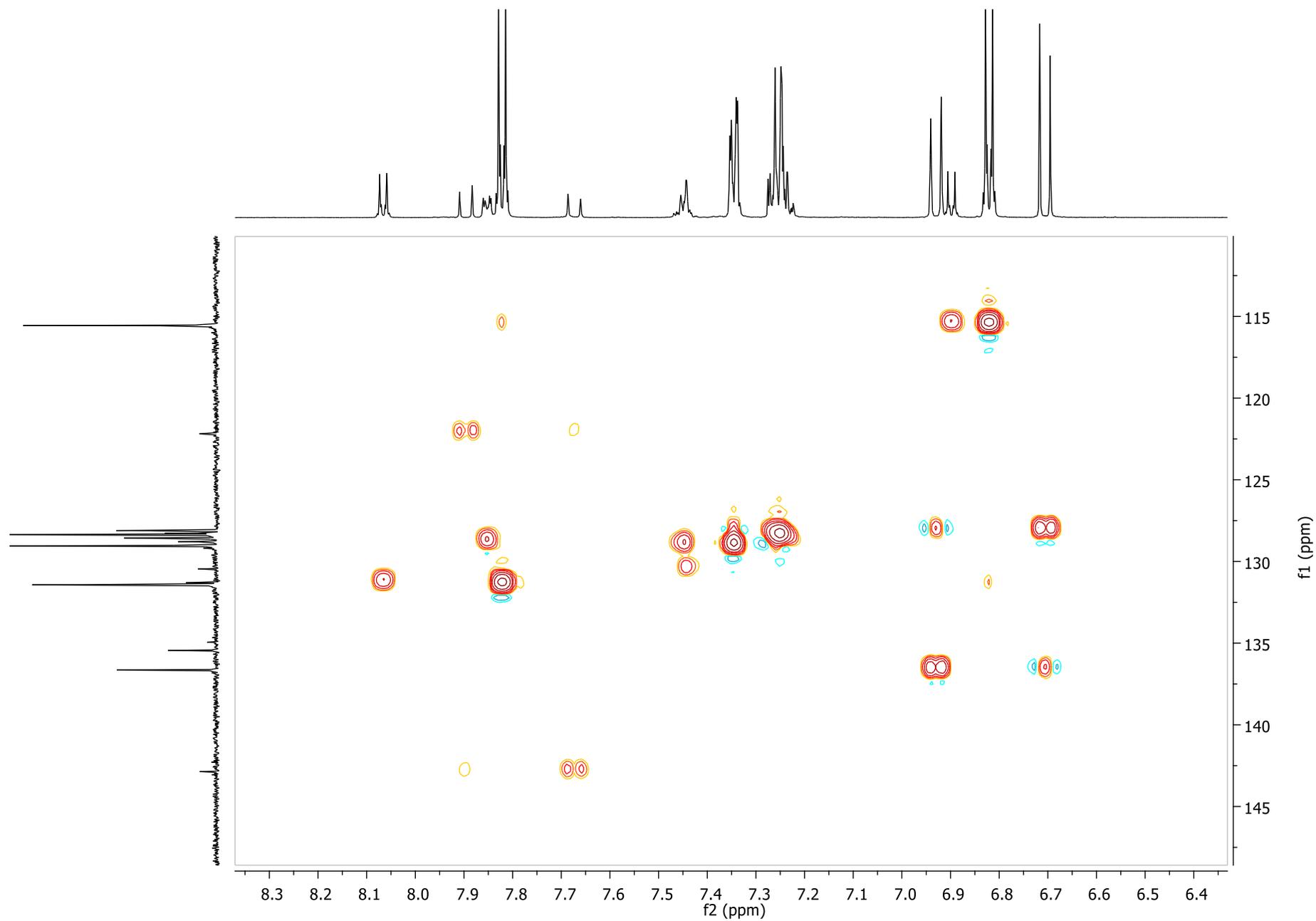


Figure S9: HSQC spectrum of 4'-hydroxychalcone (*cis*-1).

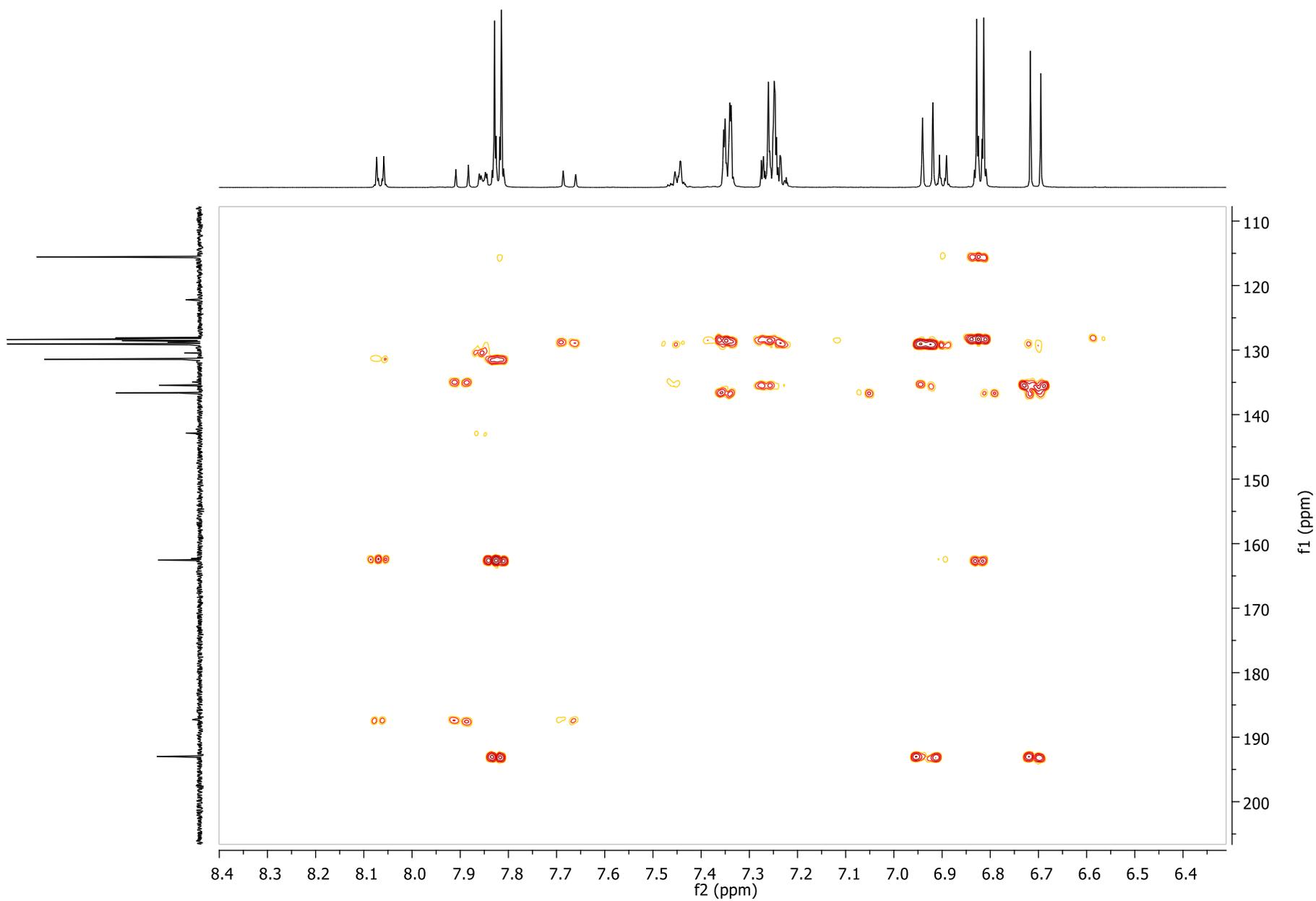


Figure S10: HMBC spectrum of 4'-hydroxychalcone (*cis*-**1**).

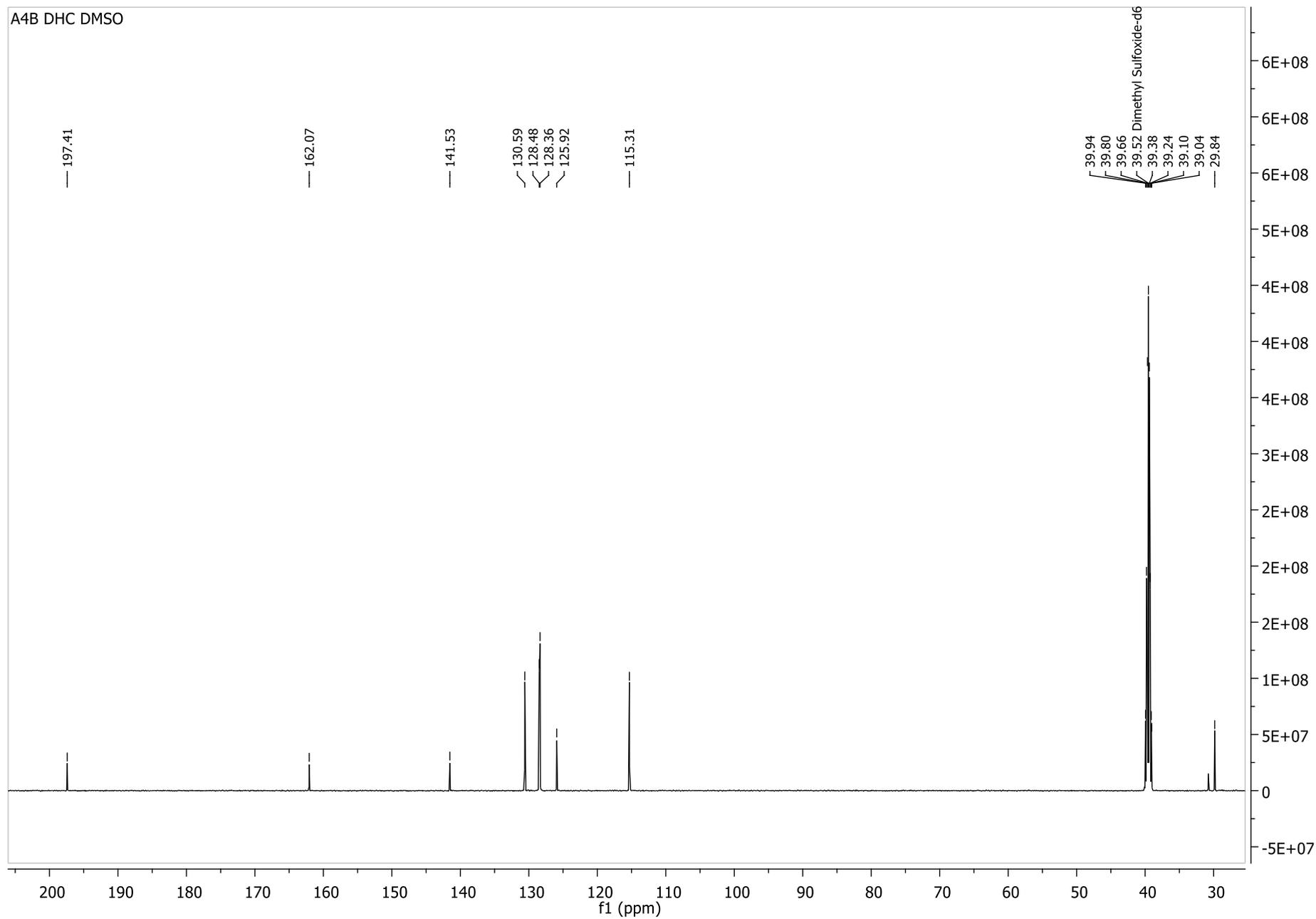


Figure S12: ^{13}C -NMR spectrum of 4'-hydroxy-dihydrochalcone (**2**).

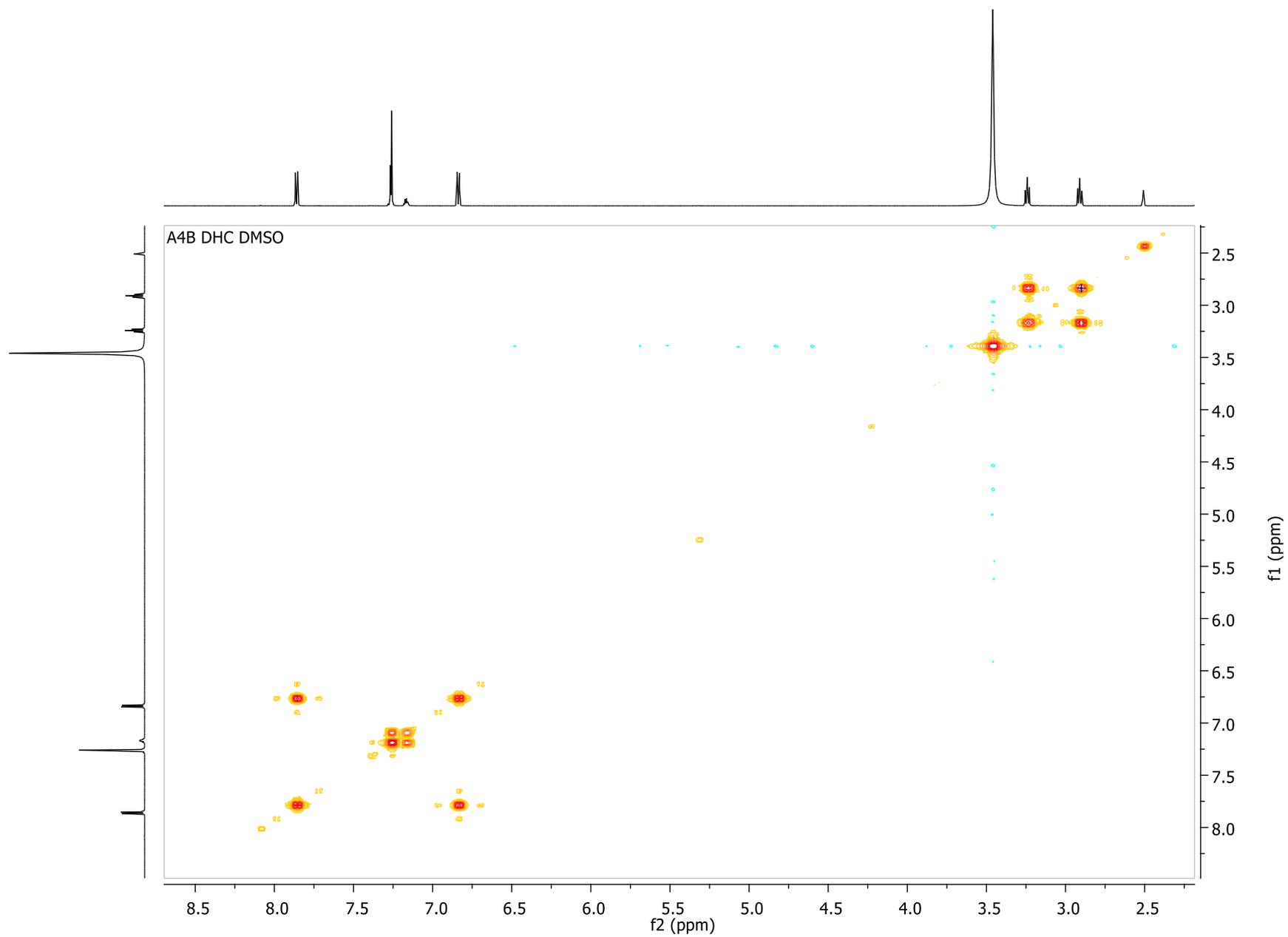


Figure S13: COSY spectrum of 4'-hydroxy-dihydrochalcone (**2**).

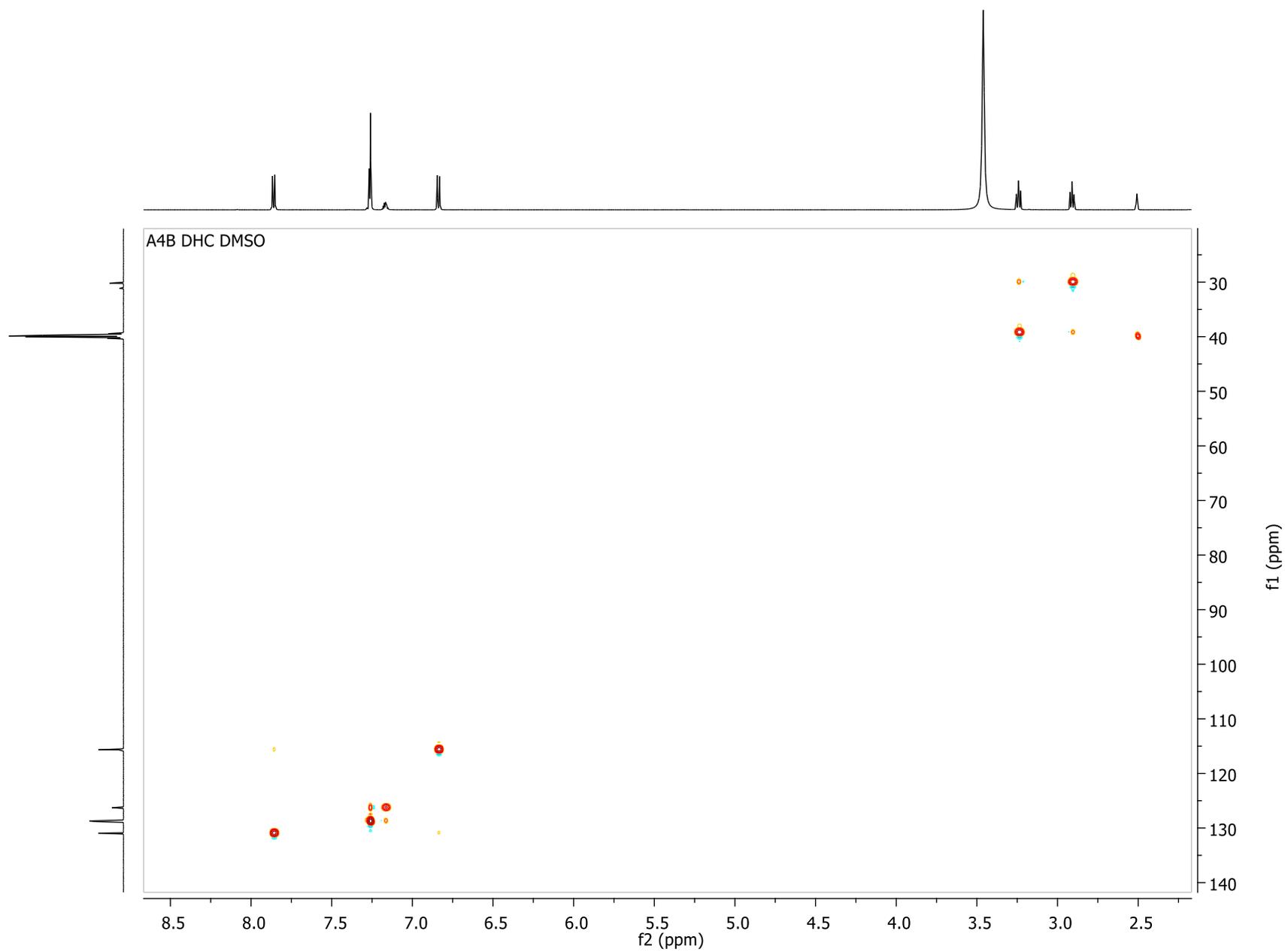


Figure S14: HSQC spectrum of 4'-hydroxy-dihydrochalcone (**2**).

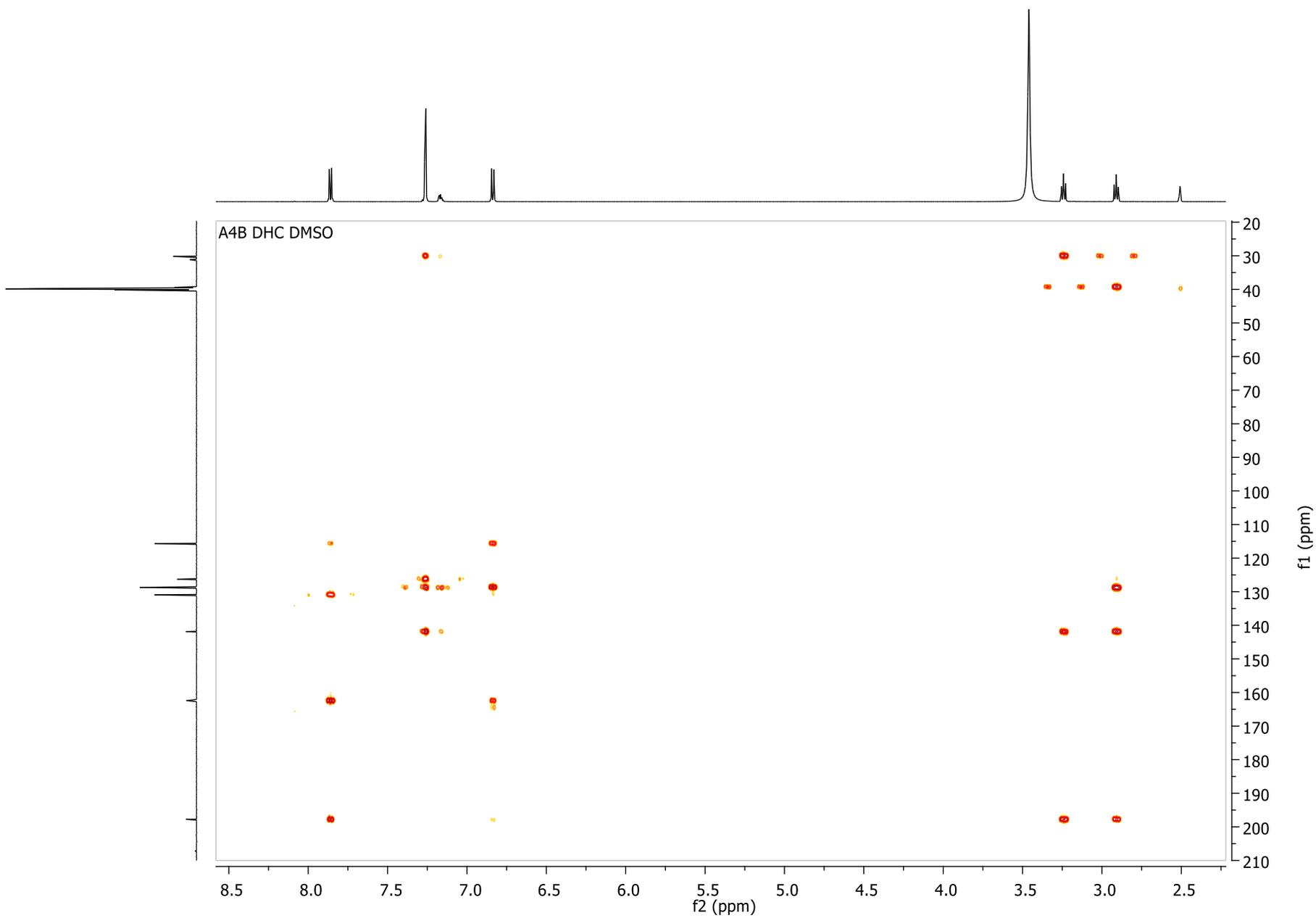


Figure S15: HMBC spectrum of 4'-hydroxy-dihydrochalcone (**2**).