Supplementary Materials: Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate

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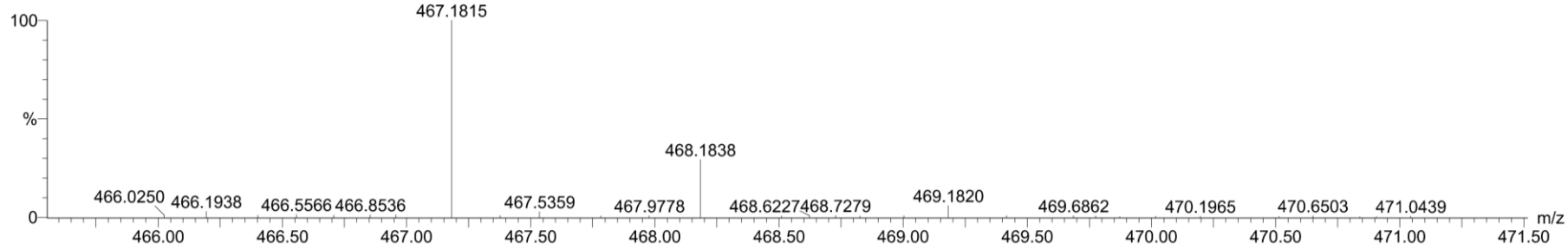
Elemental Composition Report **Page 1**

Single Mass Analysis
Tolerance = 5.0 PPM / DBE: min = -1.5, max = 50.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 5

Monoisotopic Mass, Even Electron Ions
1899 formula(e) evaluated with 10 results within limits (up to 1 closest results for each mass)
Elements Used:
C: 0-1000 H: 0-1000 N: 0-500 O: 0-500

standard
Heri-HRSL_Int_neg 8 (0.238) Cm (8)

TOF MS ES-
4.97e+003



Minimum:				-1.5			
Maximum:		30.0	5.0	50.0			
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	i-FIT (Norm)	Formula
467.1815	467.1818	-0.3	-0.6	13.5	136.0	0.0	C25 H27 N2 O7

Figure S1. HRESIMS spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate.

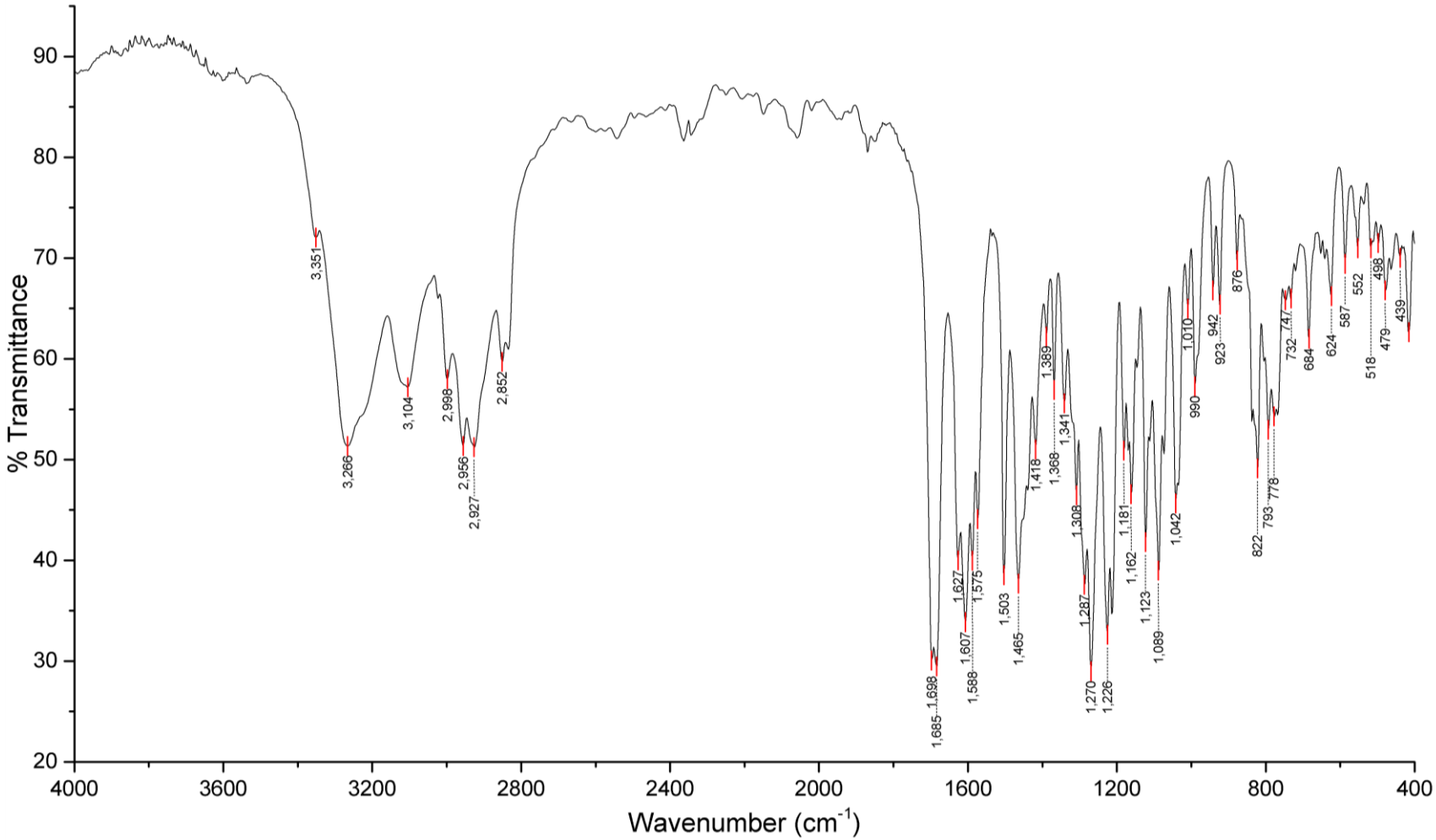


Figure S2. FTIR spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate, measured with Diffuse reflectance method in KBr powder.

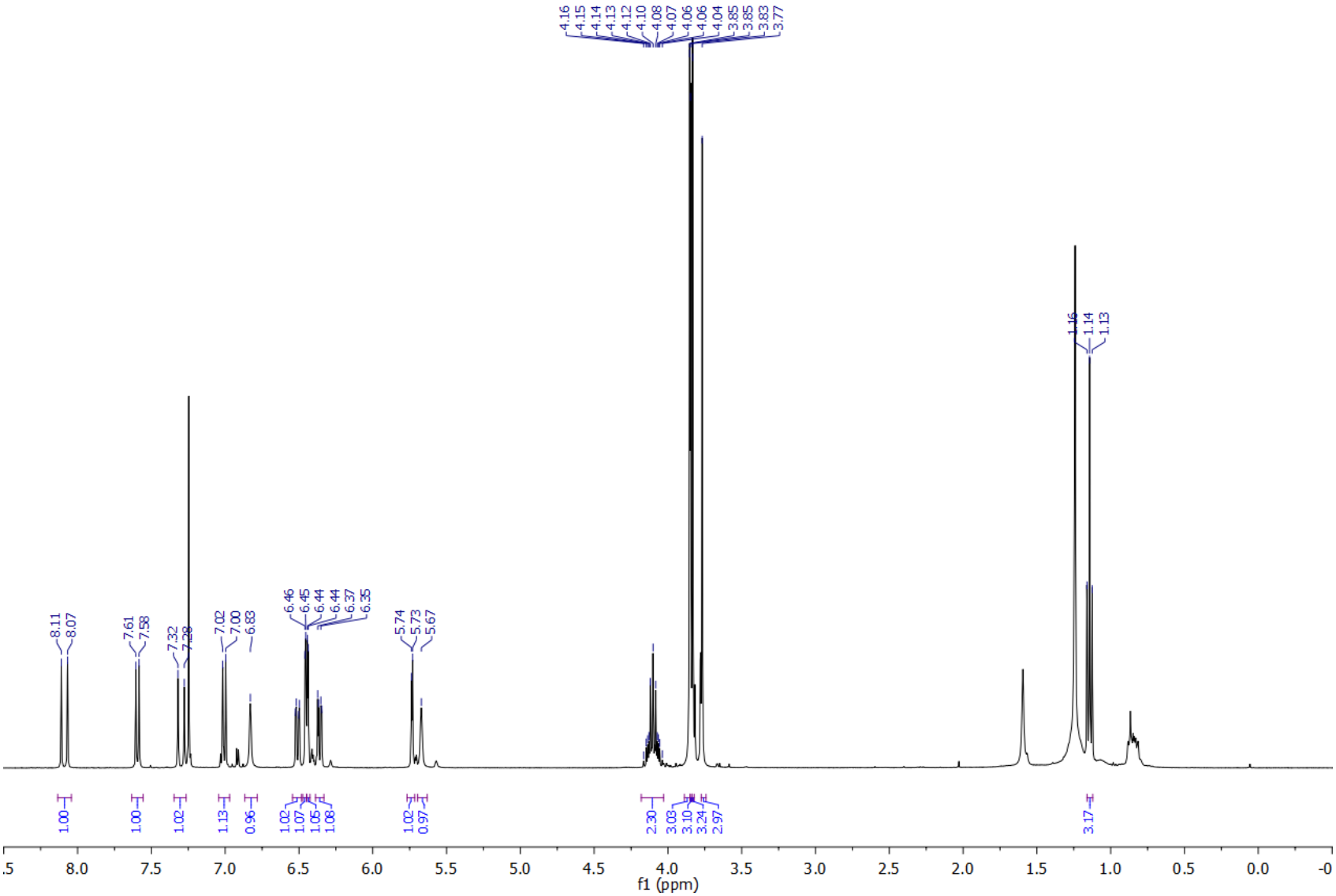


Figure S3. ^{1}H-NMR spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate in $CDCl_3$.

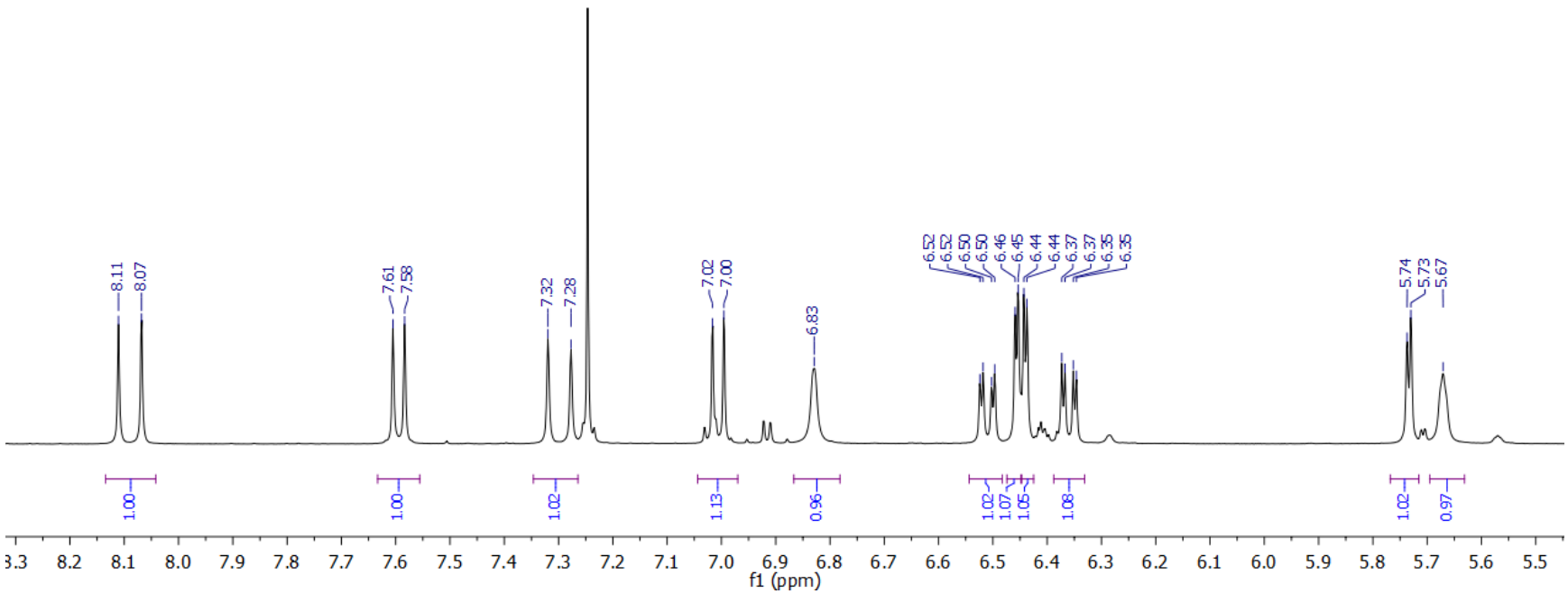


Figure S4. [1]H-NMR spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate, magnification in aromatic-olefinic region.

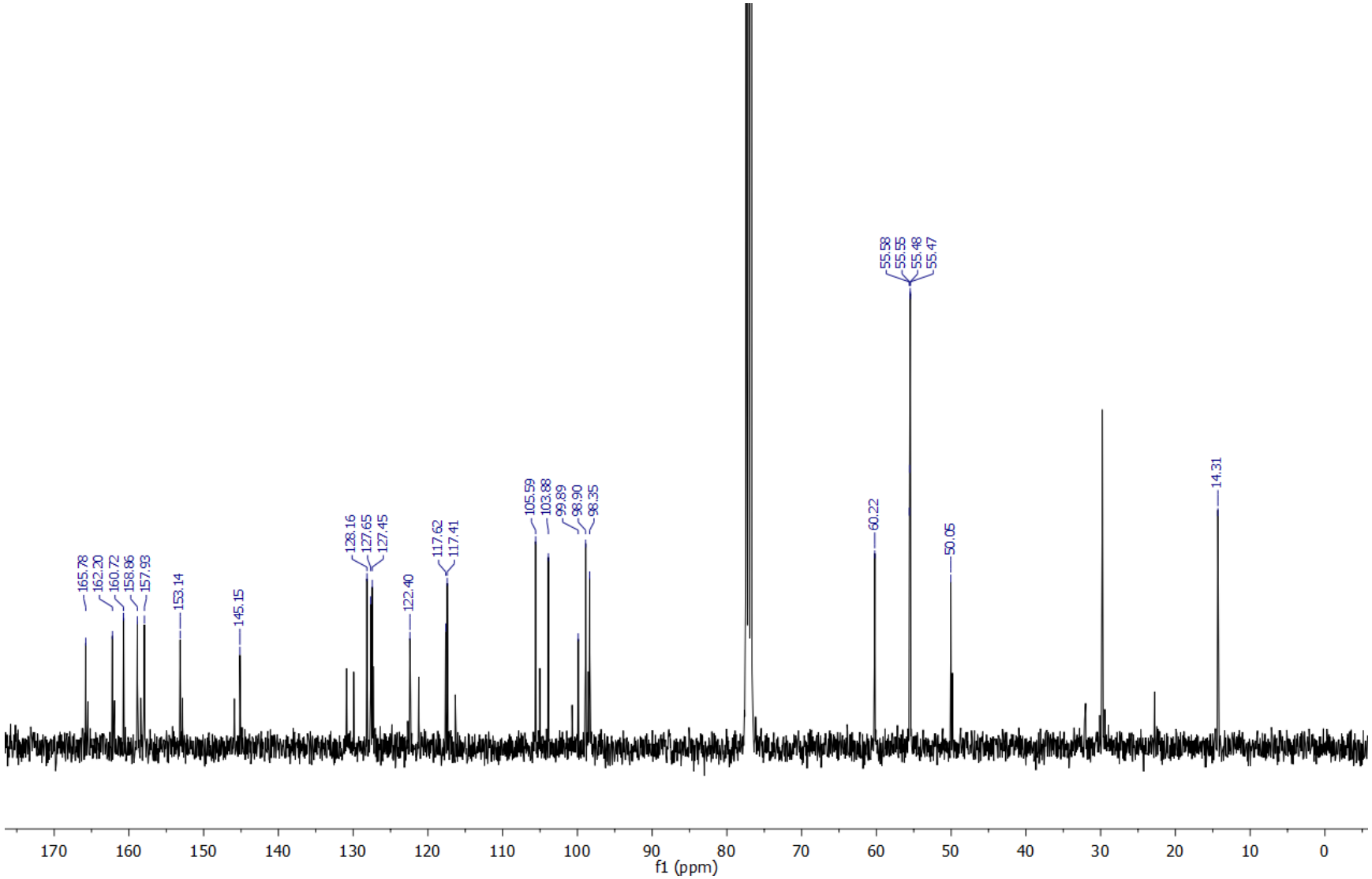


Figure S5. ^{13}C-NMR spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate in $CDCl_3$

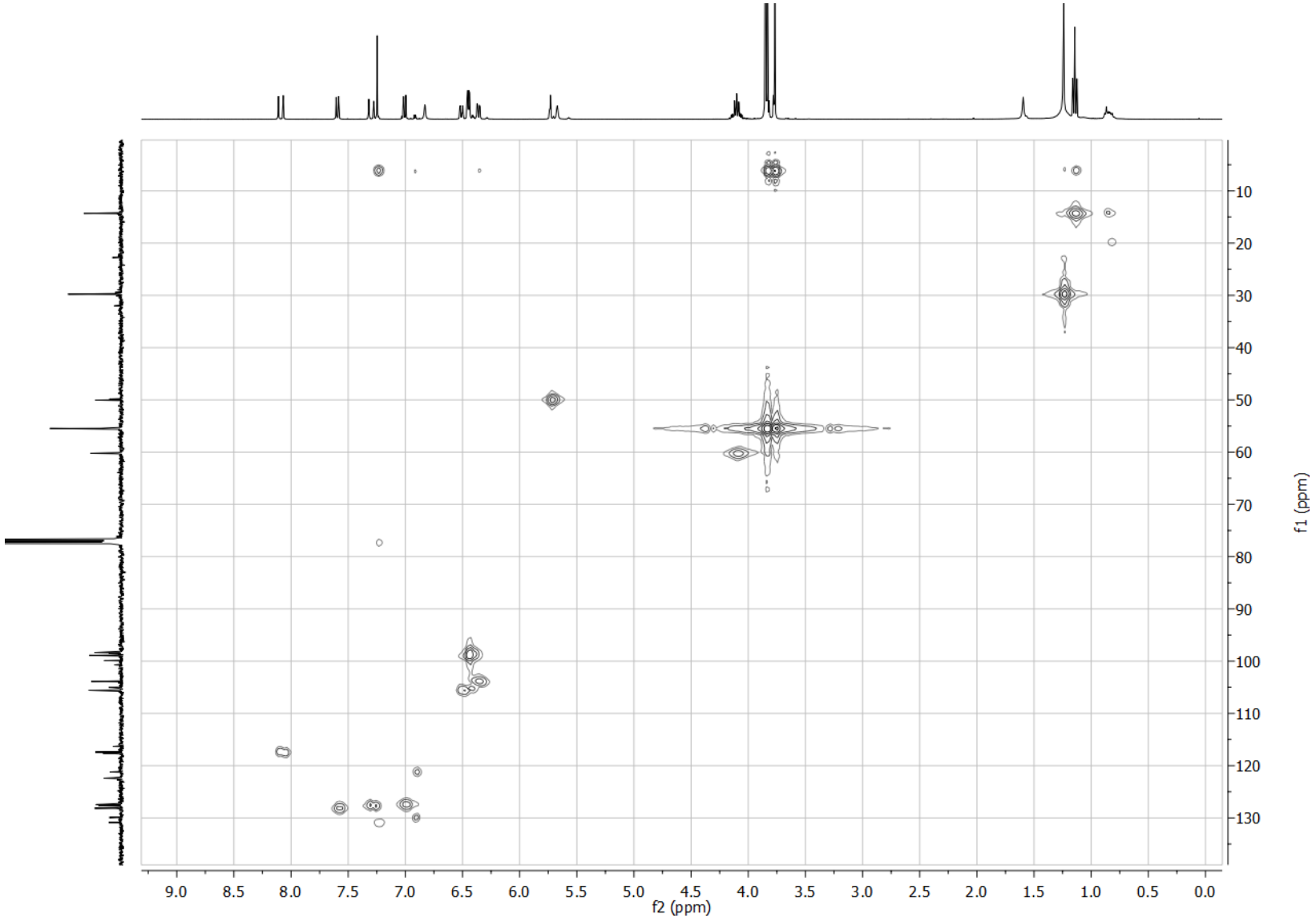


Figure S5. HMQC spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate.

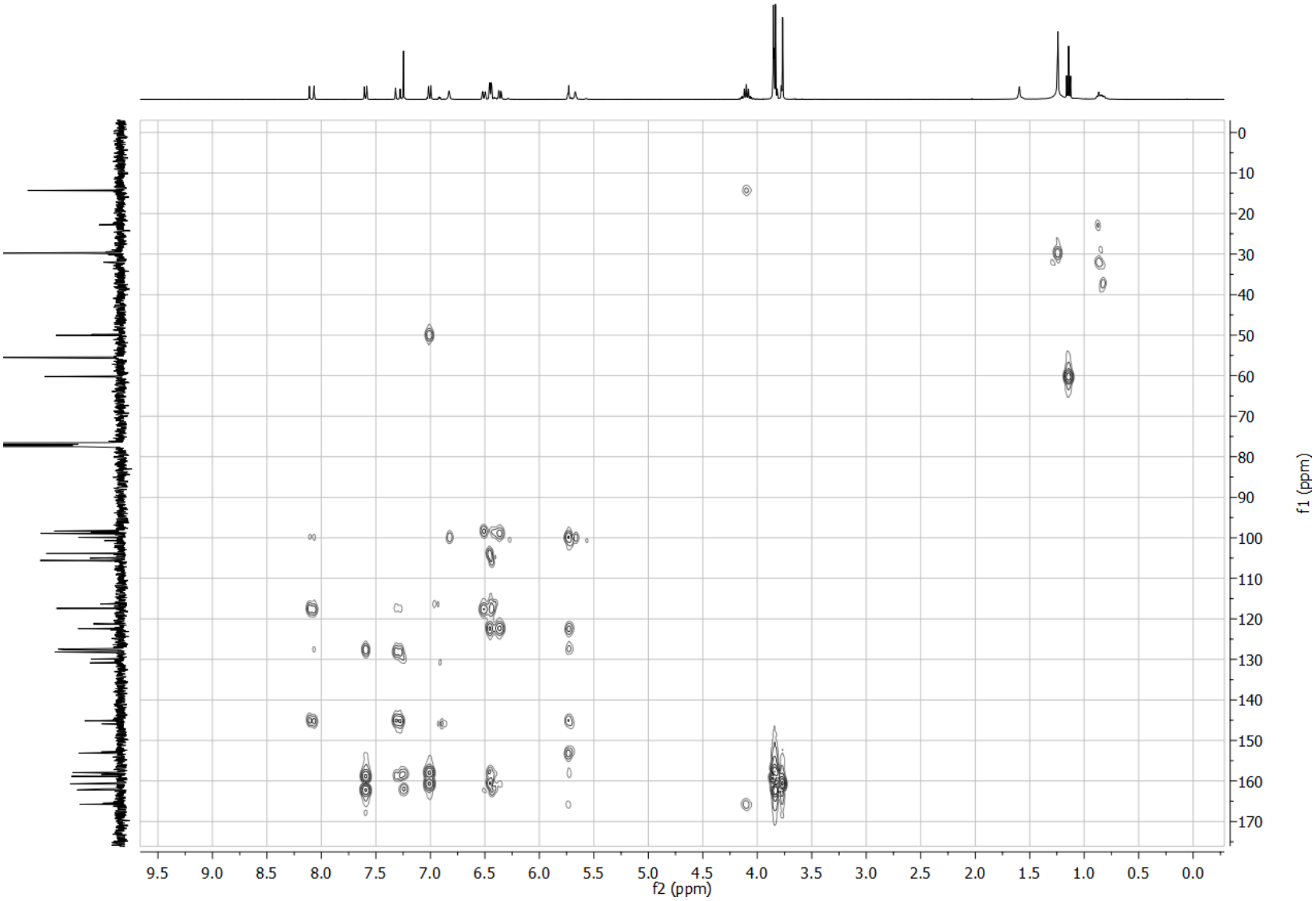


Figure S7. HMBC spectra of Ethyl (*E*)-4-(2,4-dimethoxyphenyl)-6-(2,4-dimethoxystyryl)-2-oxo-1,2,3,4-tetrahydropyrimidine-5-carboxylate.