

Supplementary Materials: 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione

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Elemental Composition Report

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Single Mass Analysis

Tolerance = 50.0 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

5075 formula(e) evaluated with 255 results within limits (up to 3 best isotopic matches for each mass)

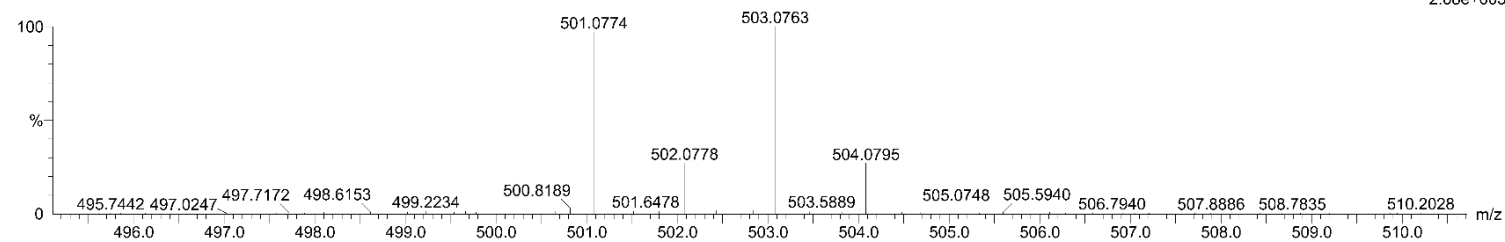
Elements Used:

C: 0-1000 H: 0-1000 N: 0-500 O: 0-500 Br: 0-8

standard

Unair_Salma_MTCB-neg-printall 12 (0.408)

TOF MS ES-
2.68e+003



Minimum:

Maximum: 30.0 50.0 -1.5 50.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	i-FIT (Norm)	Formula
501.0774	501.0661	11.3	22.6	13.5	100.5	1.0	C23 H22 N2 O6 Br

Figure S1. HRESIMS spectra of 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione

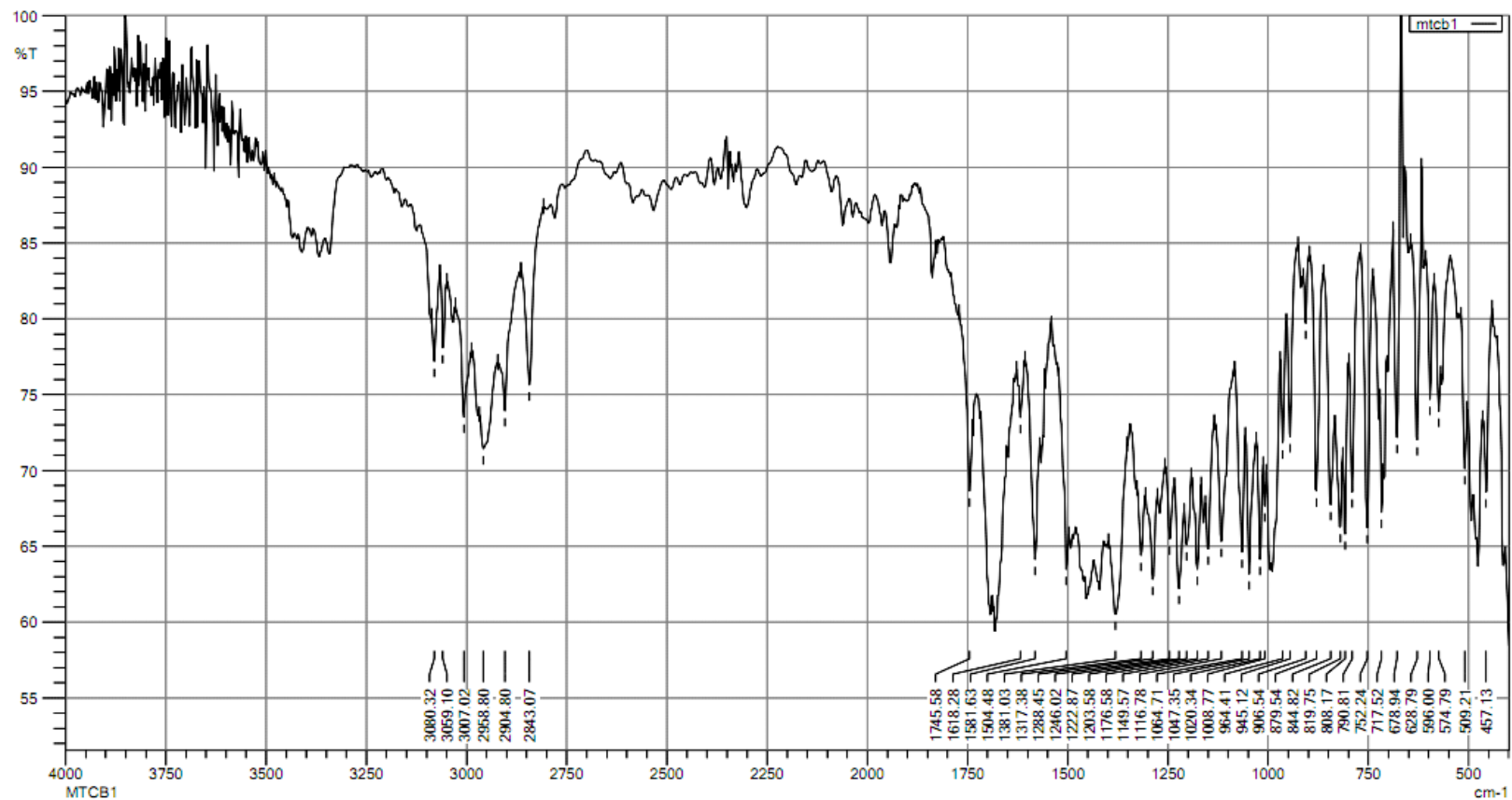


Figure S2. FTIR spectra of 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione

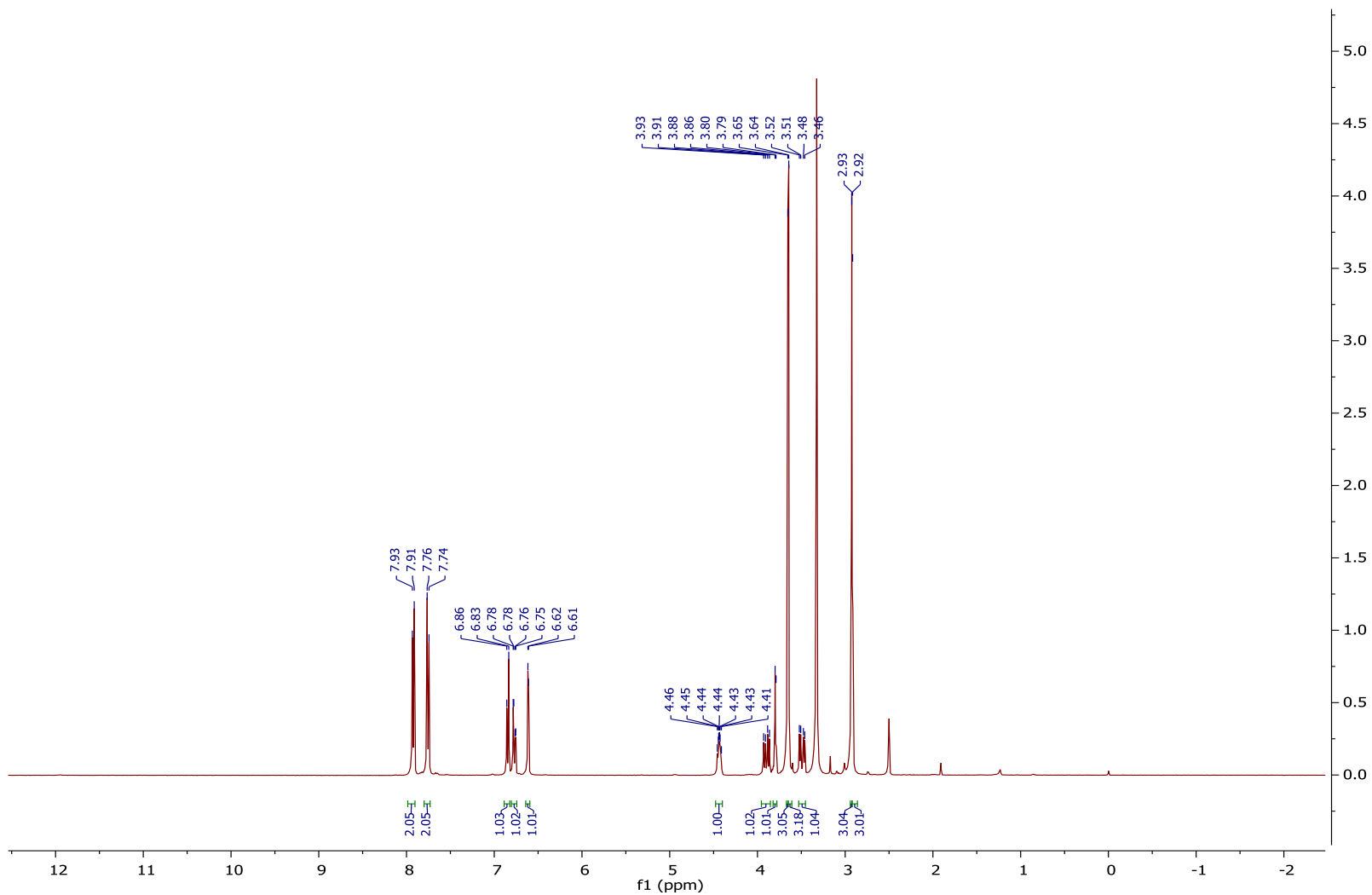


Figure S3. ¹H-NMR spectra of 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione

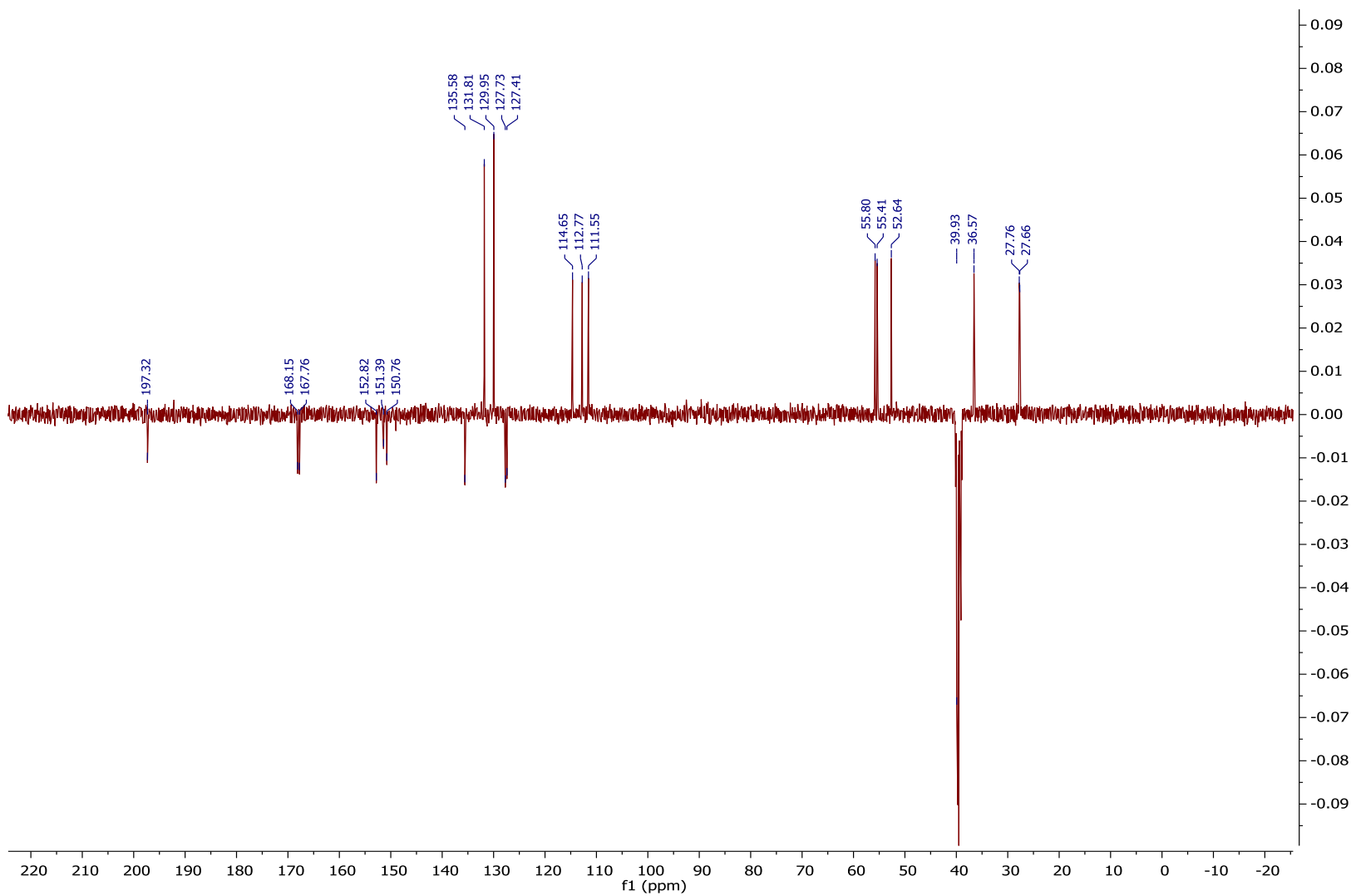


Figure S4. ¹³C-NMR spectra of 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione

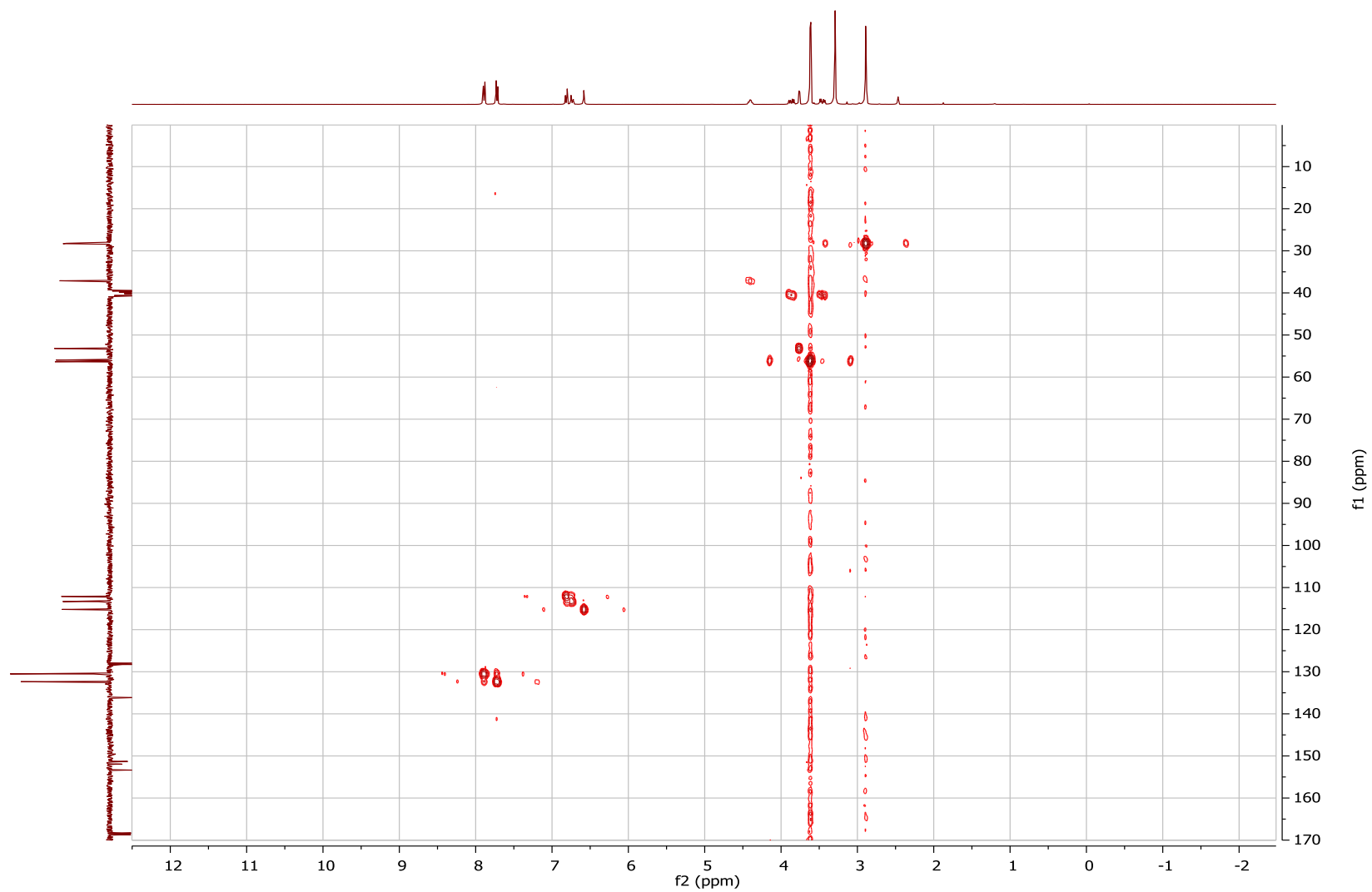


Figure S5. HMQC spectra of 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione

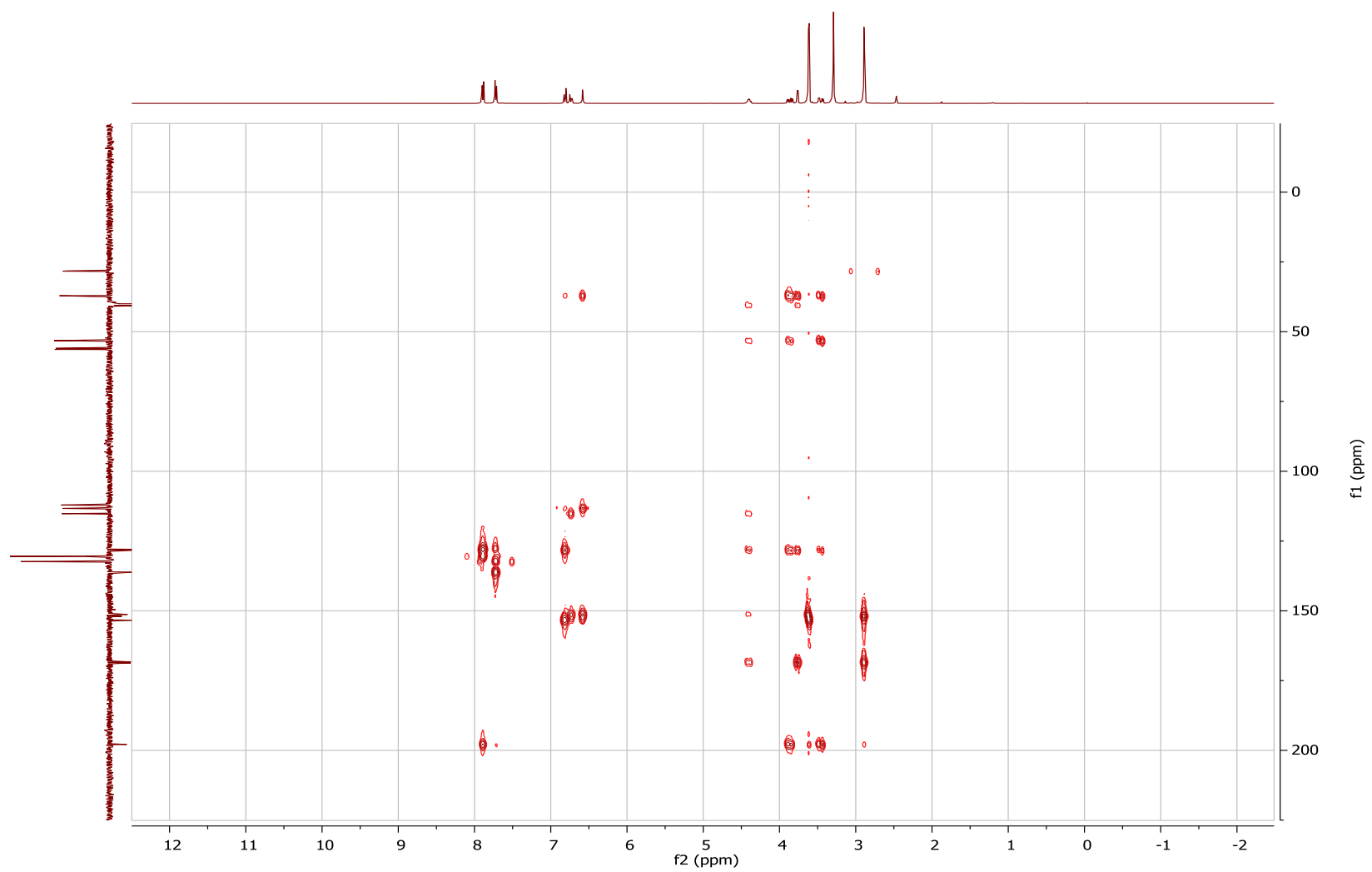


Figure S6. HMBC spectra of 5-[3-(4-Bromo phenyl)-1-(2,5-dimethoxy phenyl)-3-oxo propyl]-1,3-dimethyl pyrimidine-2,4,6-trione