

Supplementary Materials

(3 β ,16 α)-3,16-Dihydroxypregn-5-en-20-one from the Twigs of *Euonymus alatus* (Thunb.) Sieb.

Exerts Anti-inflammatory Effects in LPS-stimulated RAW-264.7 Macrophages

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Figure S1. HR-ESIMS data of **1**.

Single Mass Analysis

Tolerance = 5.0 mDa / DBE: min = -1.5, max = 50.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions

63 formula(e) evaluated with 1 results within limits (up to 50 closest results for each mass)

Elements Used:

Mass	Calc. Mass	mDa	PPM	DBE	Formula	i-FIT	i-FIT Norm	Fit Conf %	C	H	O
333.2430	333.2430	0.0	0.0	5.5	C ₂₁ H ₃₃ O ₃	250.1	n/a	n/a	21	33	3

HSC23

190215_20 426 (3.959)

1: TOF MS ES+

1.91e+005

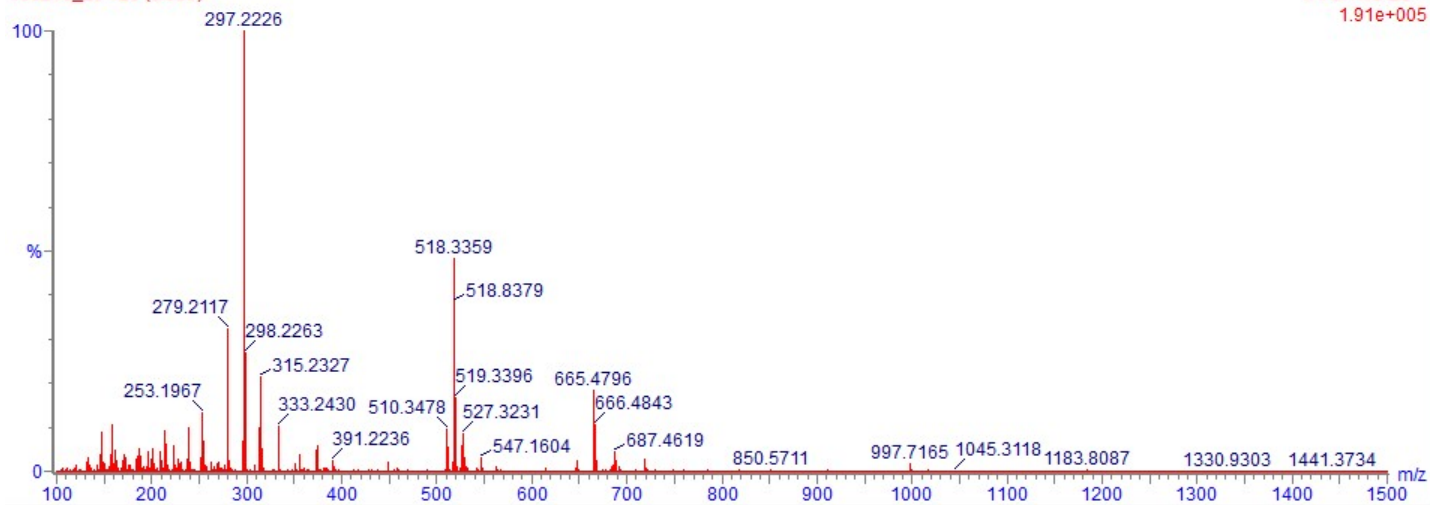


Figure S2. ^1H NMR spectrum of **1** (CD_3OD , 700 MHz).

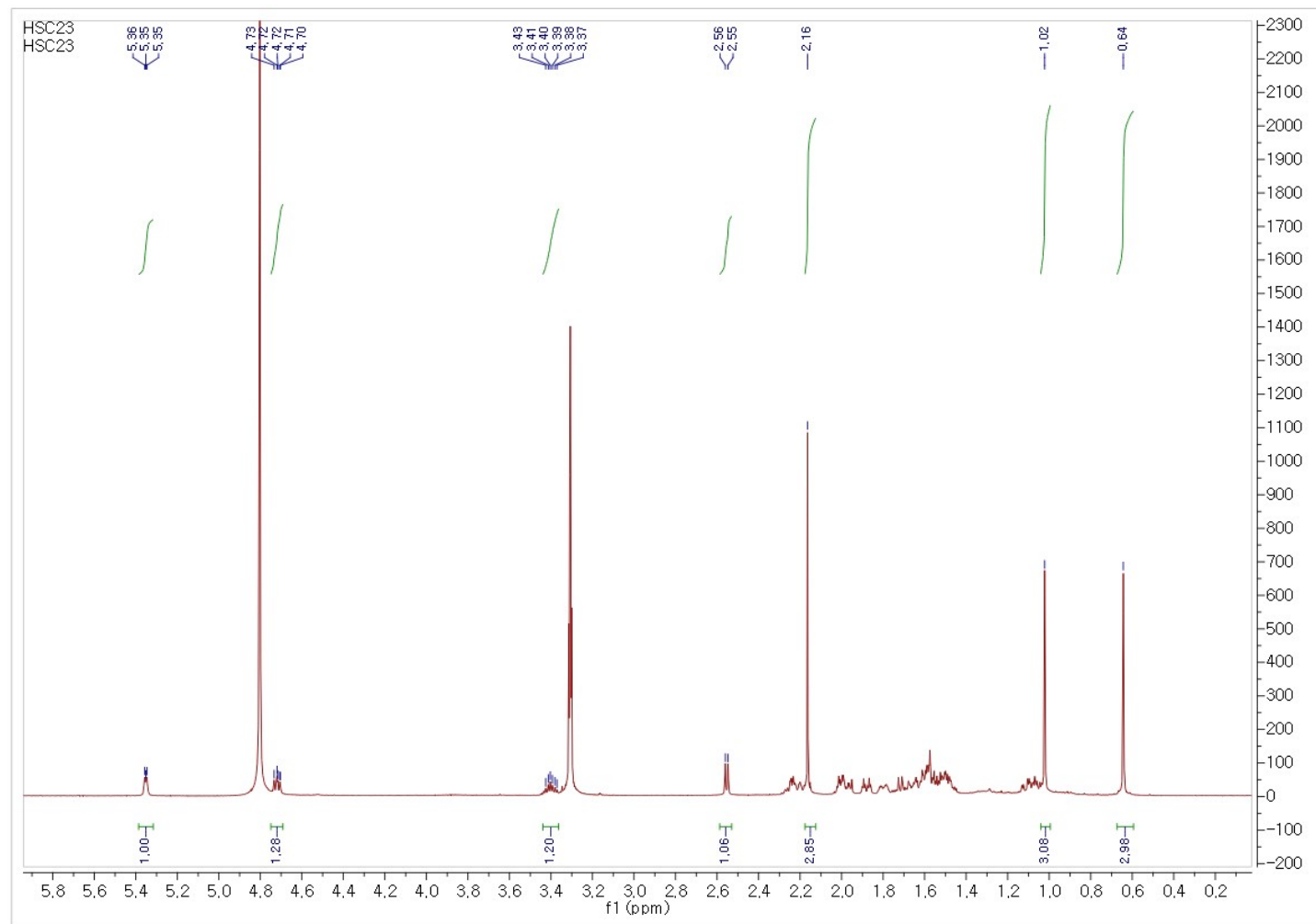


Figure S3. DEPT spectrum of **1** (CD₃OD, 175 Hz).

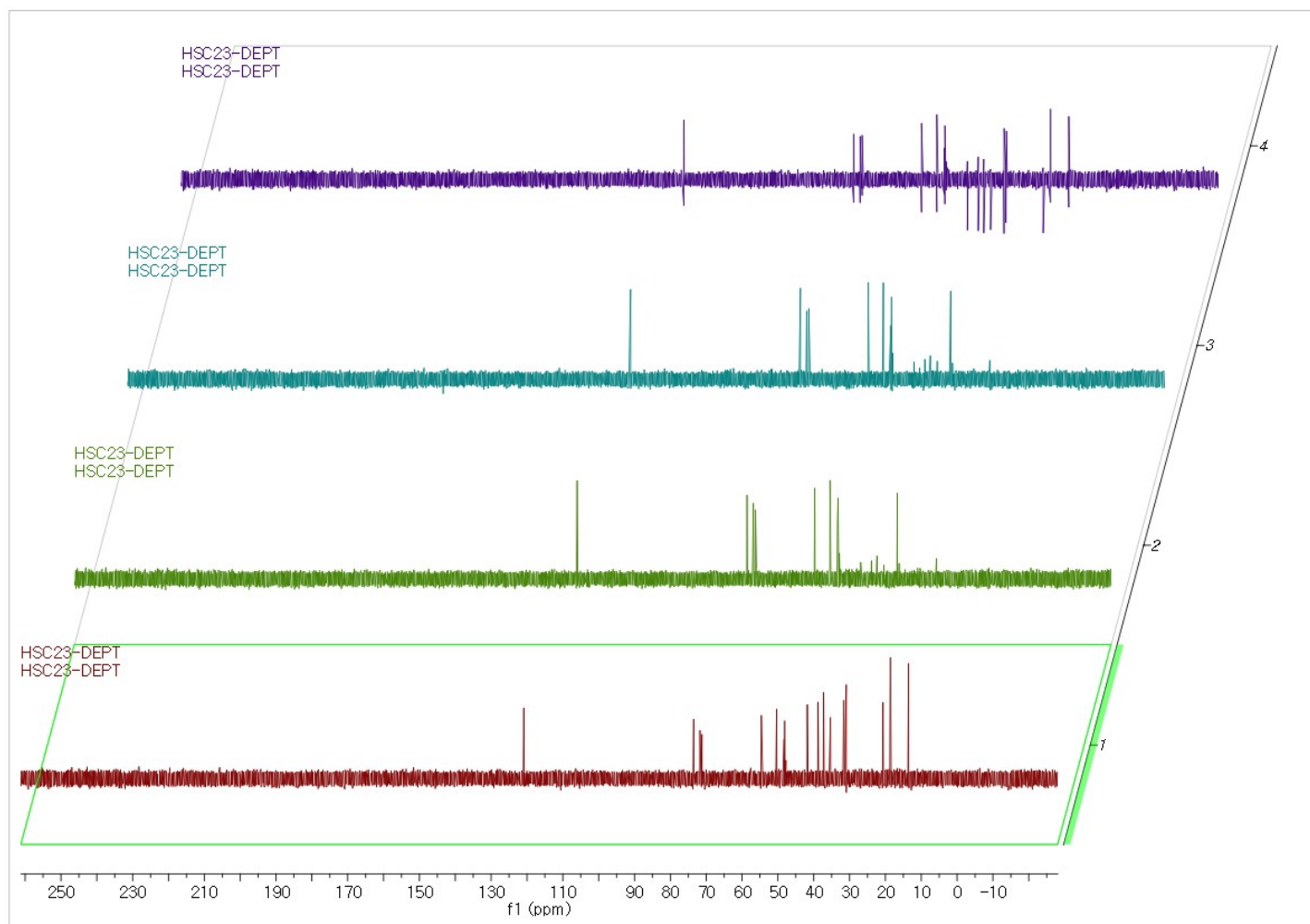


Figure S4. ^1H - ^1H COSY spectrum of **1** (CD_3OD).

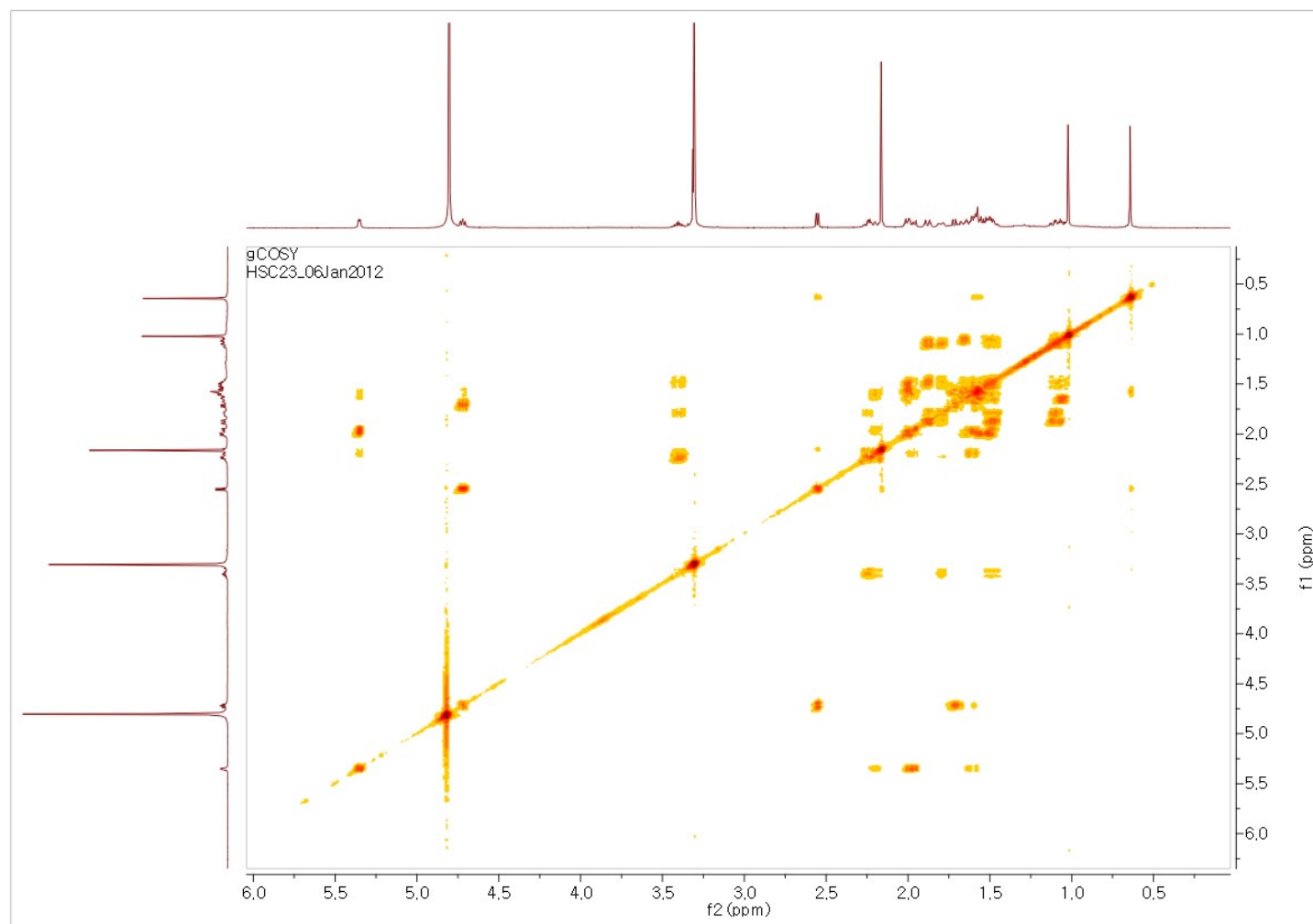


Figure S5. NOESY spectrum of **1** (CD₃OD).

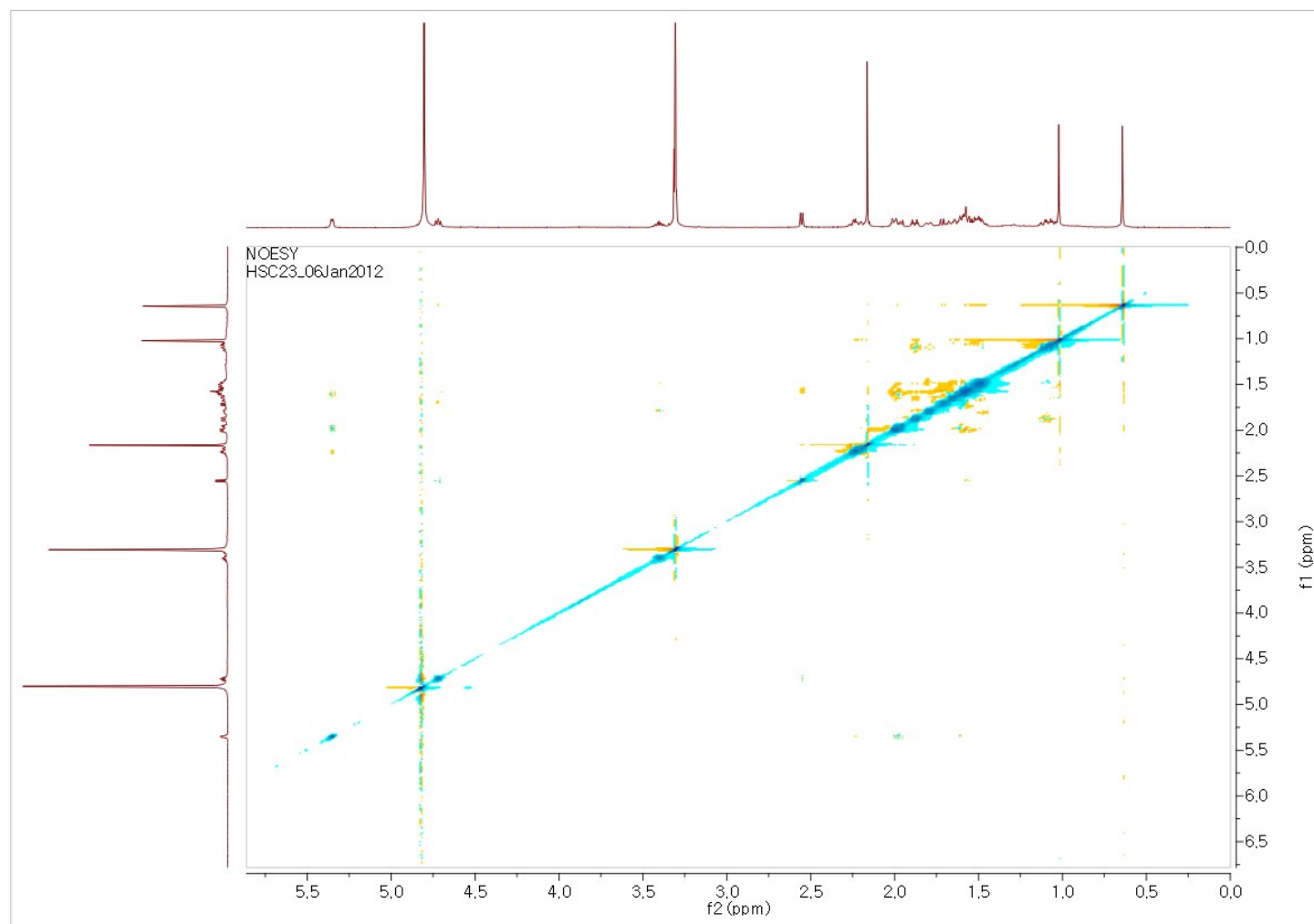


Figure S6. HSQC spectrum of **1** (CD₃OD).

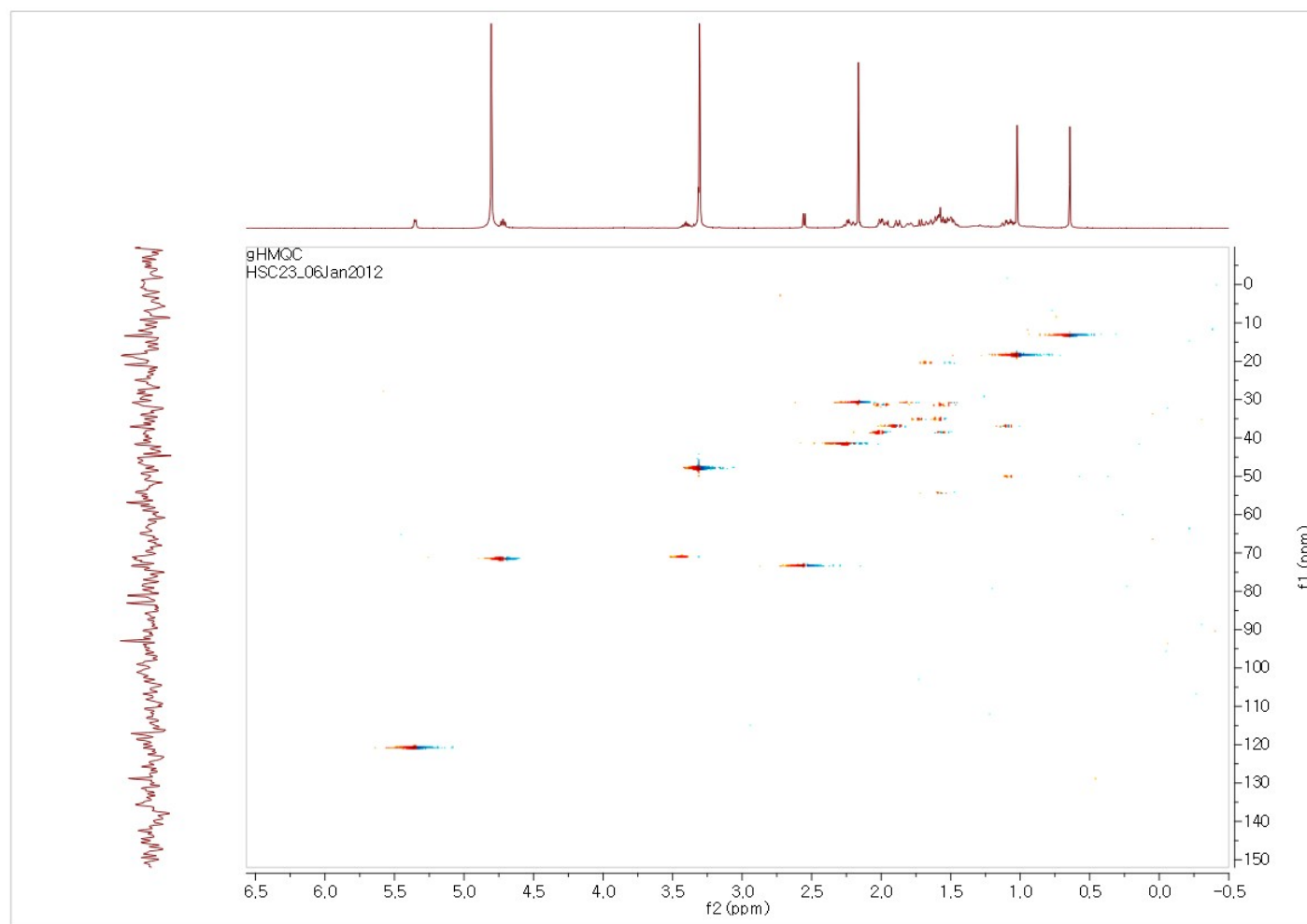


Figure S7. HMBC spectrum of **1** (CD₃OD).

