

Supporting Information

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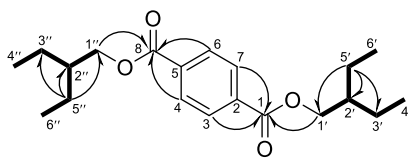
Chemical Constituents from *Typhonium giganteum* Rhizome and Their Antioxidant, Tyrosinase Inhibitory Activities

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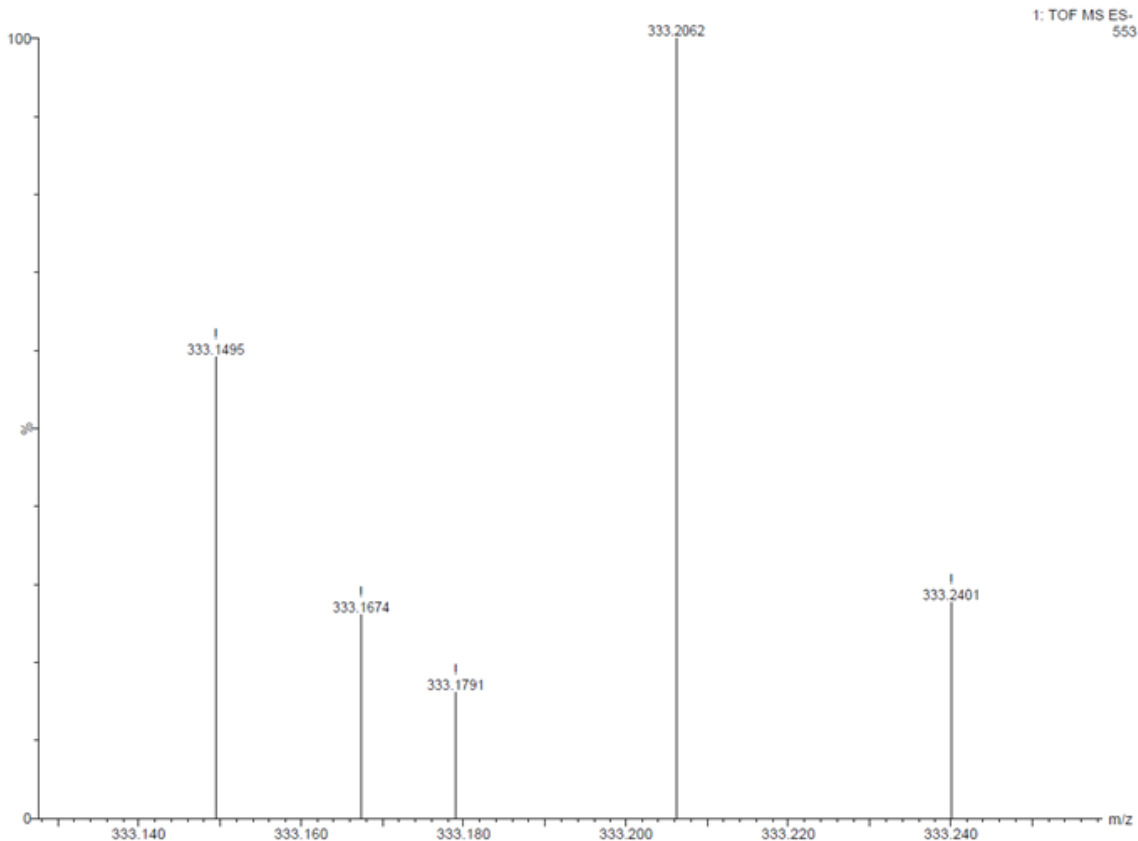
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Table S1 : ^1H NMR and ^{13}C NMR data of **1**^[a] ^1H - ^1H COSY: — HMBC: H—C

Position	δ_{C}	δ_{H} (mult, J in Hz)	Position	δ_{C}	δ_{H} (mult, J in Hz)
1	166.1		3'	23.7	1.43 (m)
2	134.4		4'	11.3	0.92 (t, 7.6)
3	129.6	8.07 (br s)	5'	23.7	1.43 (m)
4	129.6	8.07 (br s)	6'	11.3	0.92 (t, 7.6)
5	134.4		1''	67.5	4.23 (m)
6	129.6	8.07 (br s)	2''	40.6	1.64 (m)
7	129.6	8.07 (br s)	3''	23.7	1.43 (m)
8	166.1		4''	11.3	0.92 (t, 7.6)
1'	67.5	4.23 (m)	5''	23.7	1.43 (m)
2'	40.6	1.64 (m)	6''	11.3	0.92 (t, 7.6)

^[a] 400 MHz for ^1H and 100 MHz for ^{13}C , recorded in CDCl_3 .



Elemental Composition Report

Page 1

Single Mass Analysis

Tolerance = 20.0 PPM / DBE: min = -1.5, max = 50.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions

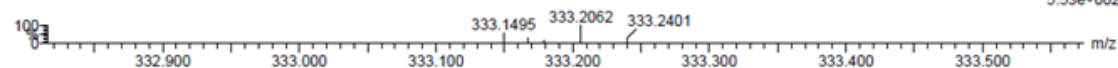
198 formula(e) evaluated with 1 results within limits (up to 50 closest results for each mass)

Elements Used:

C: 20-20 H: 0-100 N: 0-5 O: 0-16 Na: 0-1

1: TOF MS ES-

5.53e+002



Minimum:									
Maximum:	20.0	20.0	50.0						
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf(%)	Formula	
333.2062	333.2066	-0.4	-1.2	6.5	32.2	n/a	n/a	C20 H29 O1	

Figure S1: HR-ESI-MS spectrum of 1

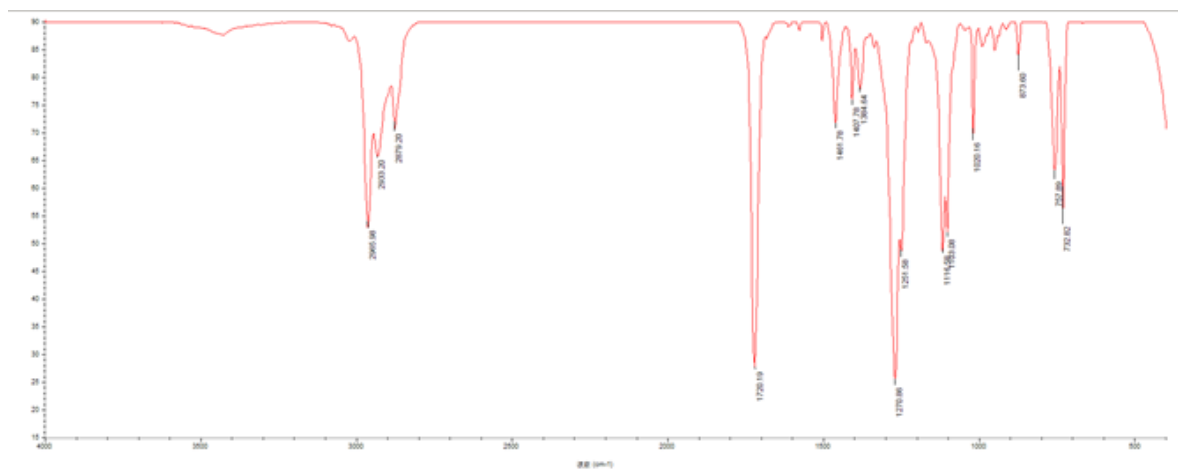


Figure S2: IR spectrum of **1**

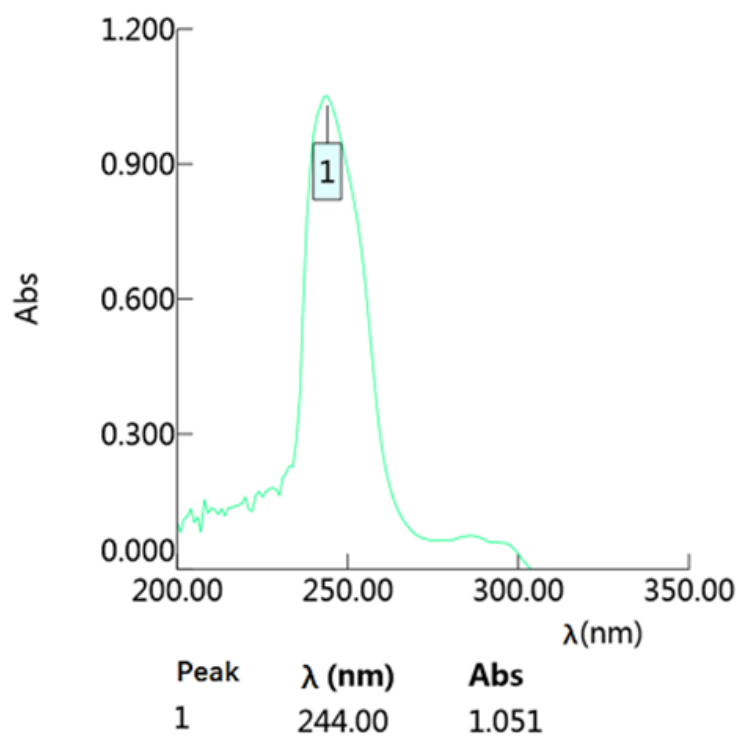


Figure S3: UV spectrum of **1** in CHCl_3

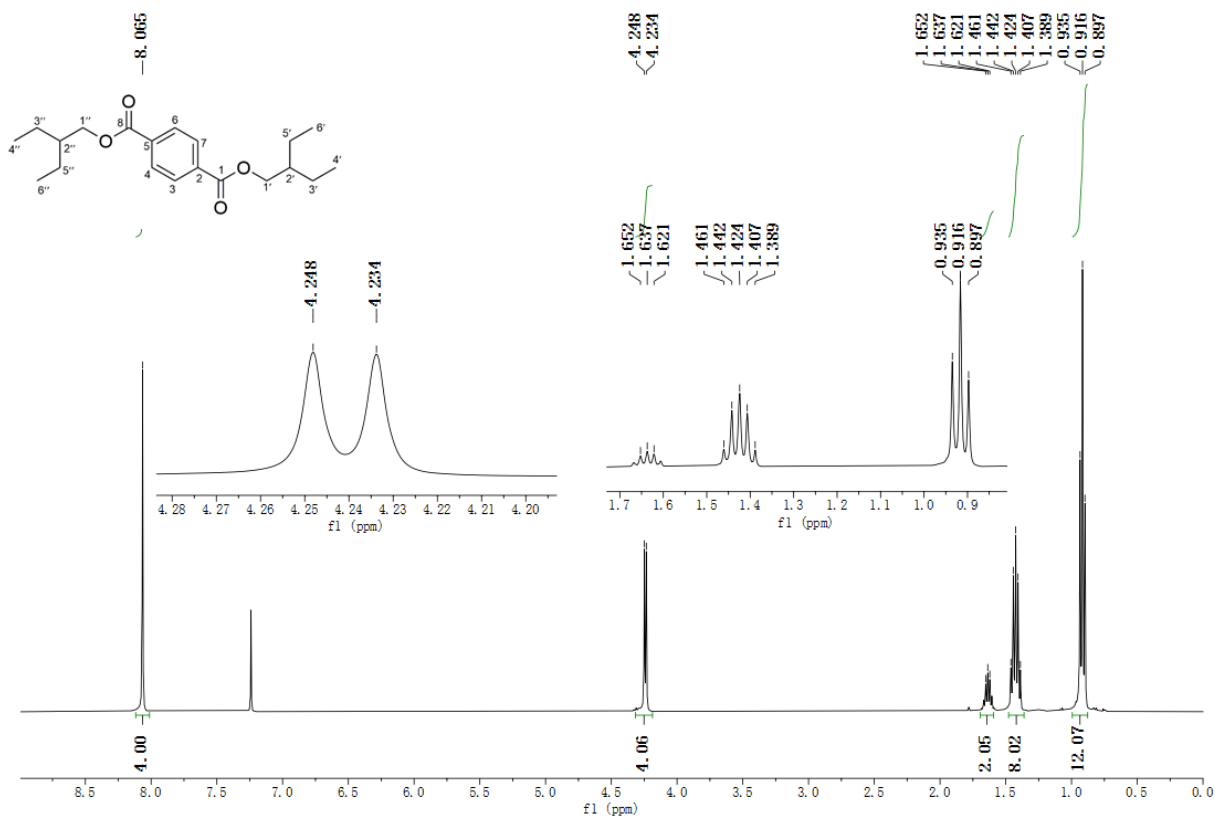


Figure S4: ¹H NMR spectrum (400 MHz) of **1** in CDCl₃

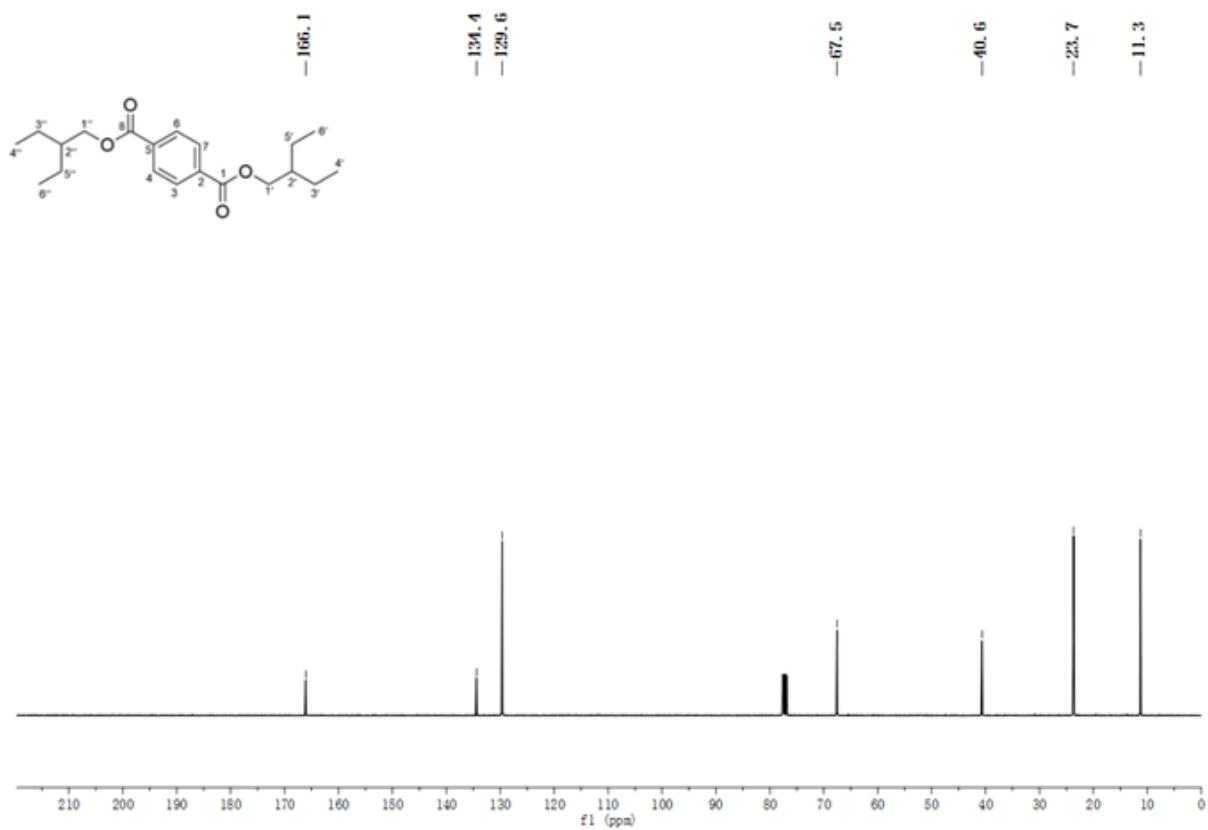


Figure S5: ^{13}C NMR spectrum (100 MHz) of **1** in CDCl_3

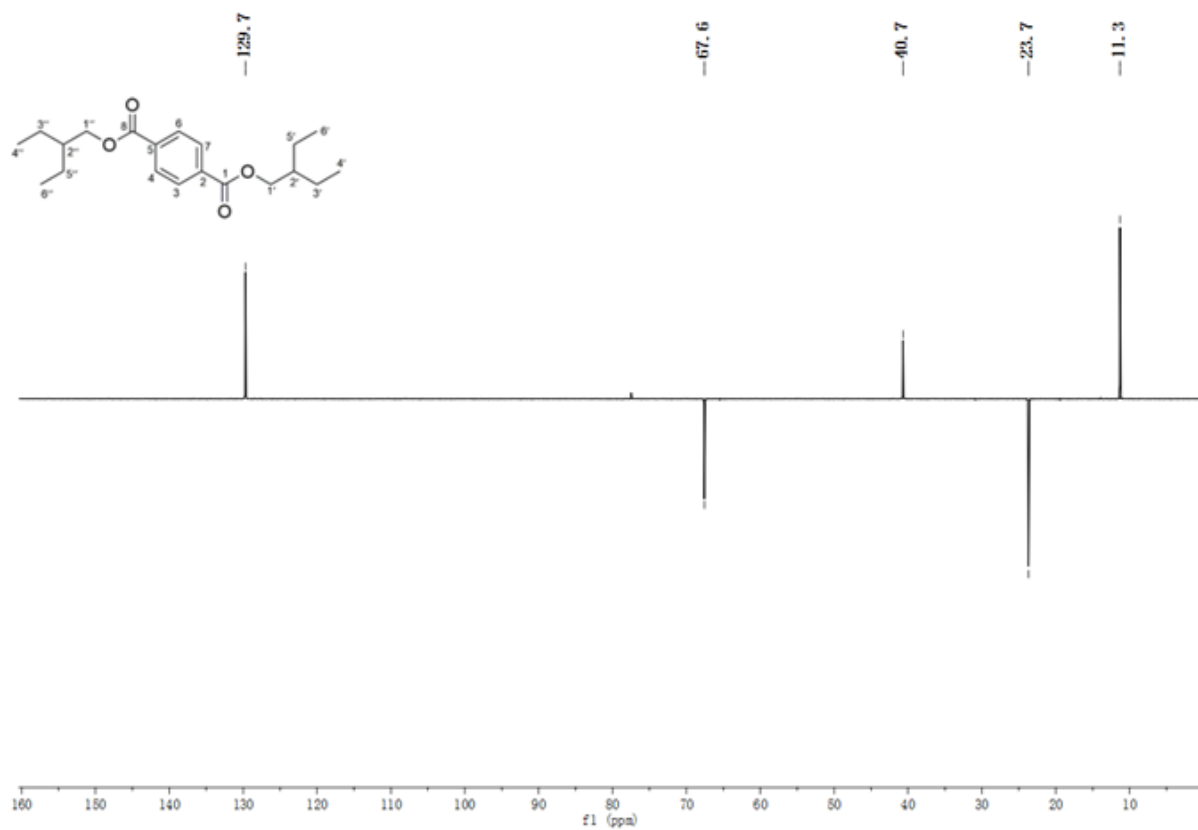


Figure S6: DEPT 135 spectrum of **1** in CDCl₃

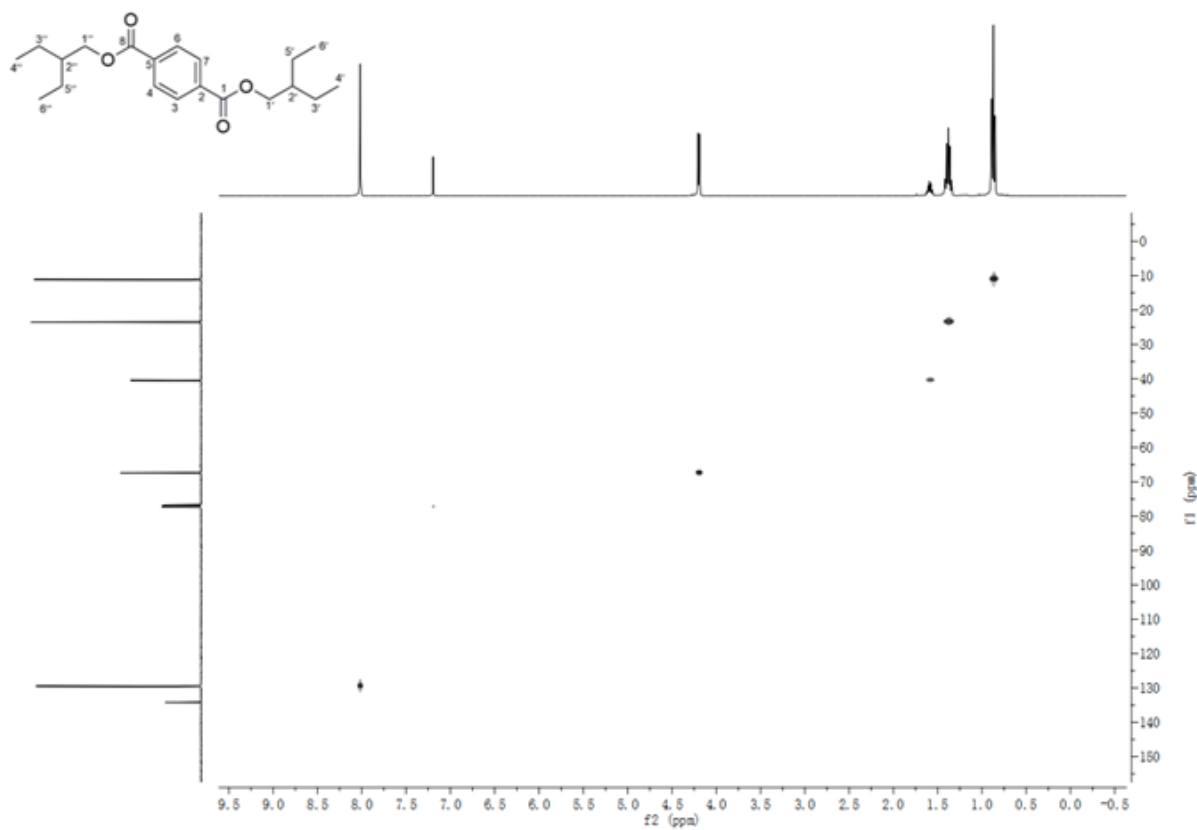


Figure S7: HSQC spectrum of **1** in CDCl_3

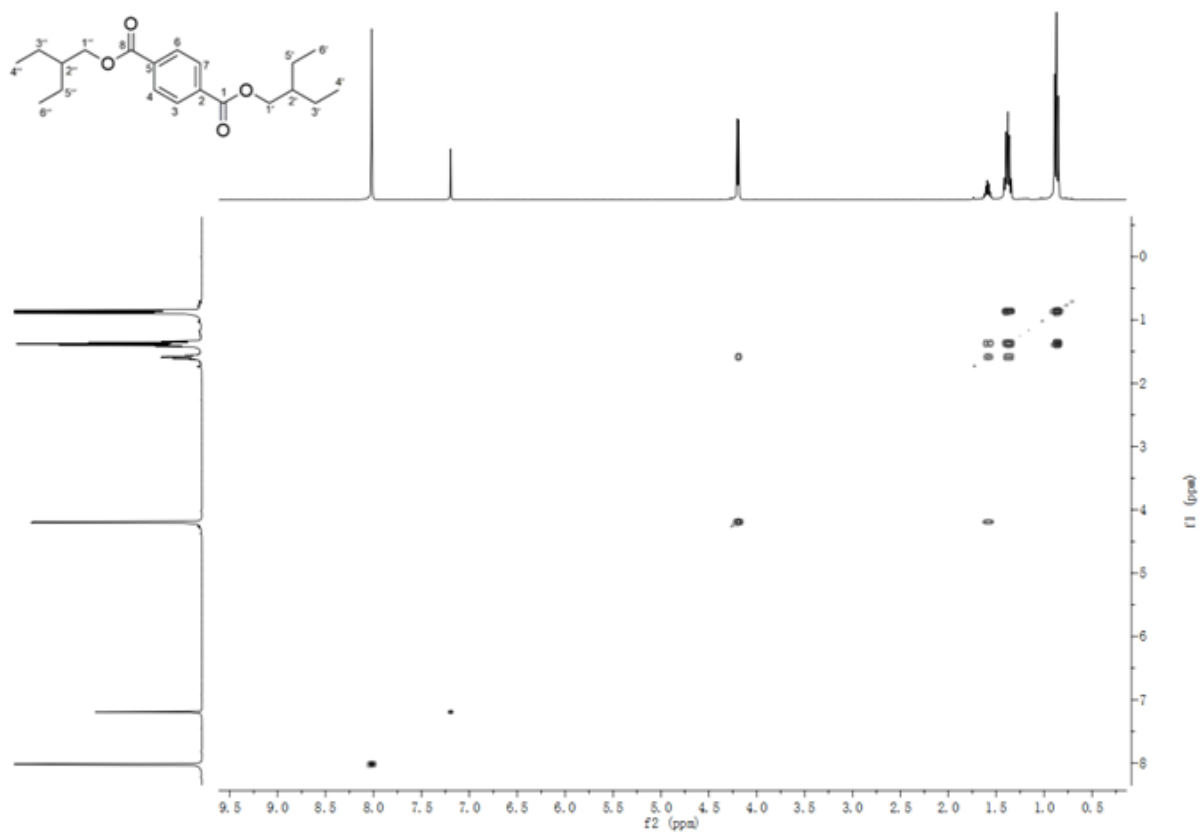


Figure S8: ^1H - ^1H COSY spectrum of **1** in CDCl_3

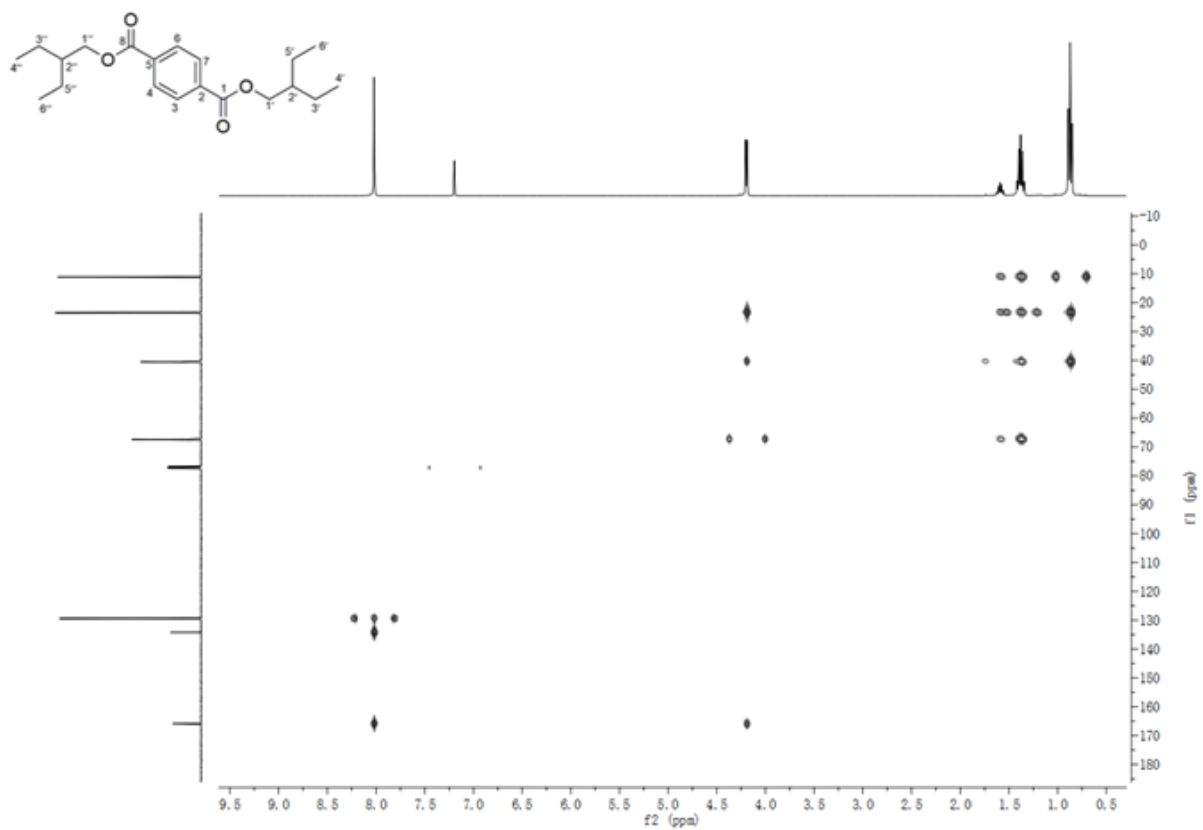


Figure S9: HMBC spectrum of **1** in CDCl₃