

Supporting Information

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A New Triterpene from *Buddleja lindleyana* with Neuroprotective Effect

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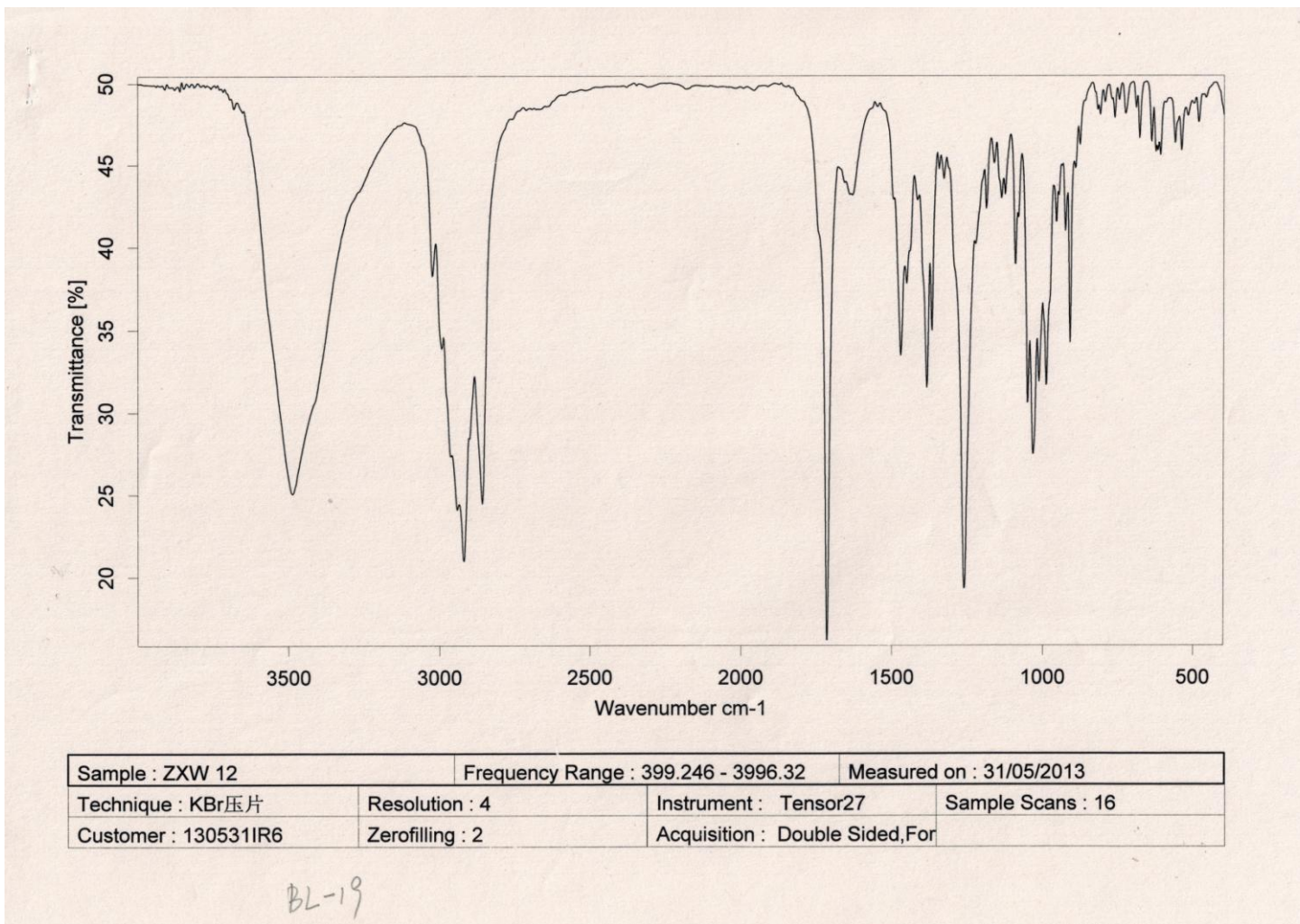
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S1: IR spectrum of 1

Elemental Composition Report

BL19

Single Mass Analysis

Tolerance = 10.0 PPM / DBE: min = -10.0, max = 120.0

Selected filters: None

Monoisotopic Mass, Odd and Even Electron Ions

22 formula(e) evaluated with 1 results within limits (up to 51 closest results for each mass)

Elements Used:

C: 0-200 H: 0-400 O: 3-5

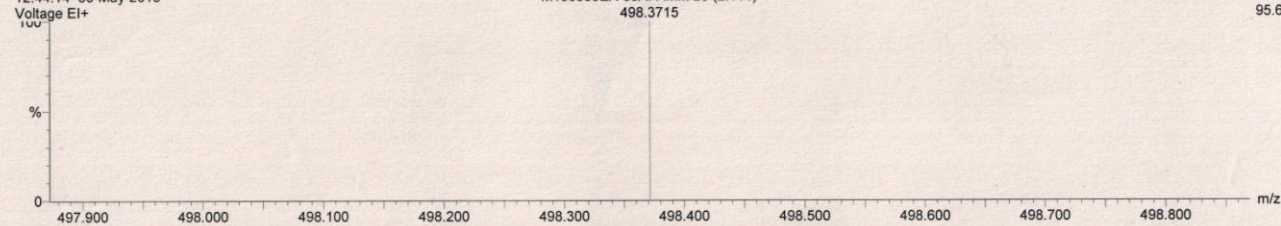
zxw 12

12:44:14 30-May-2013

Voltage EI+

KIB
M130530EA-03AFAMM 23 (2.111)
498.3715

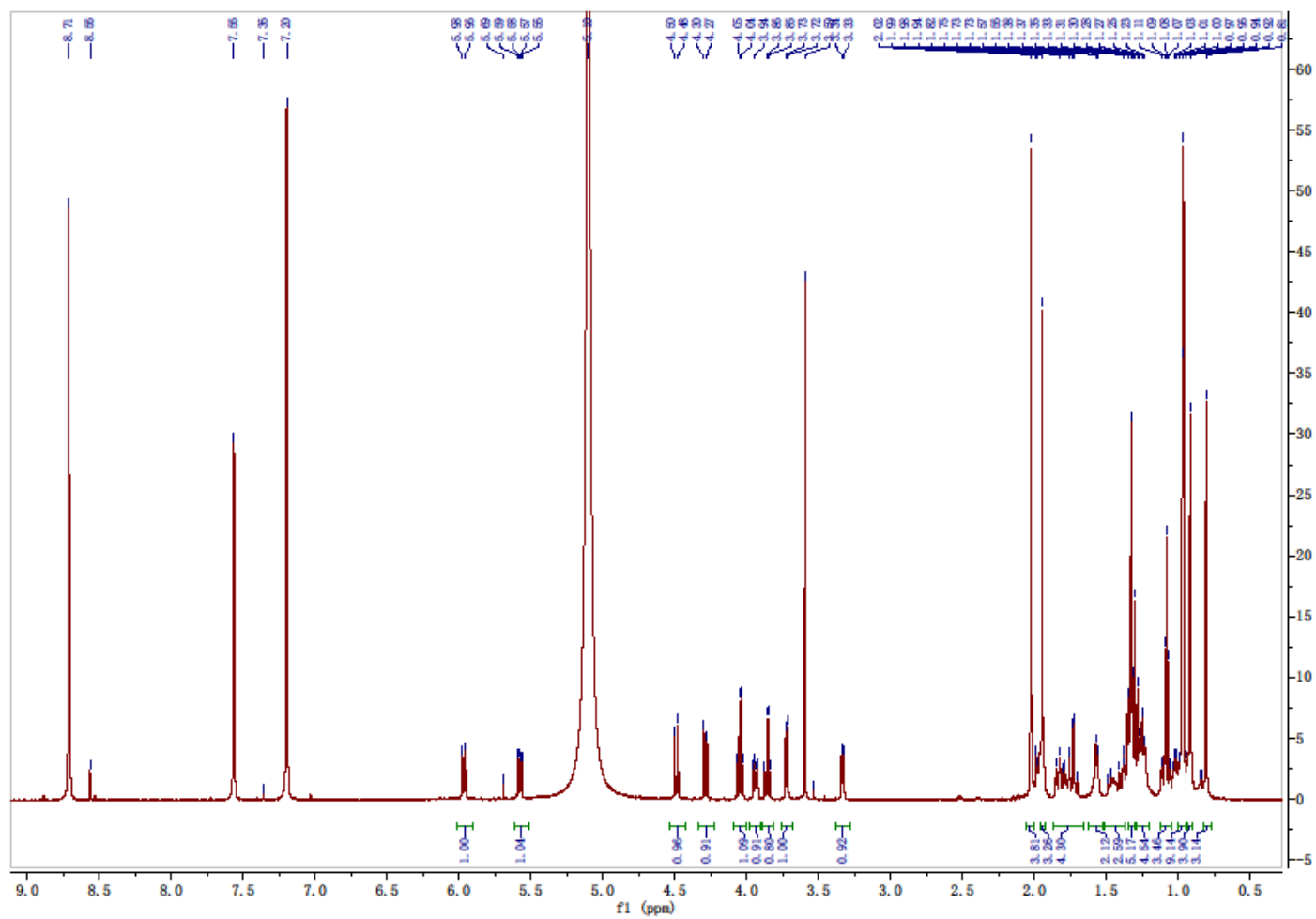
Autospec Premier
P776
95.6



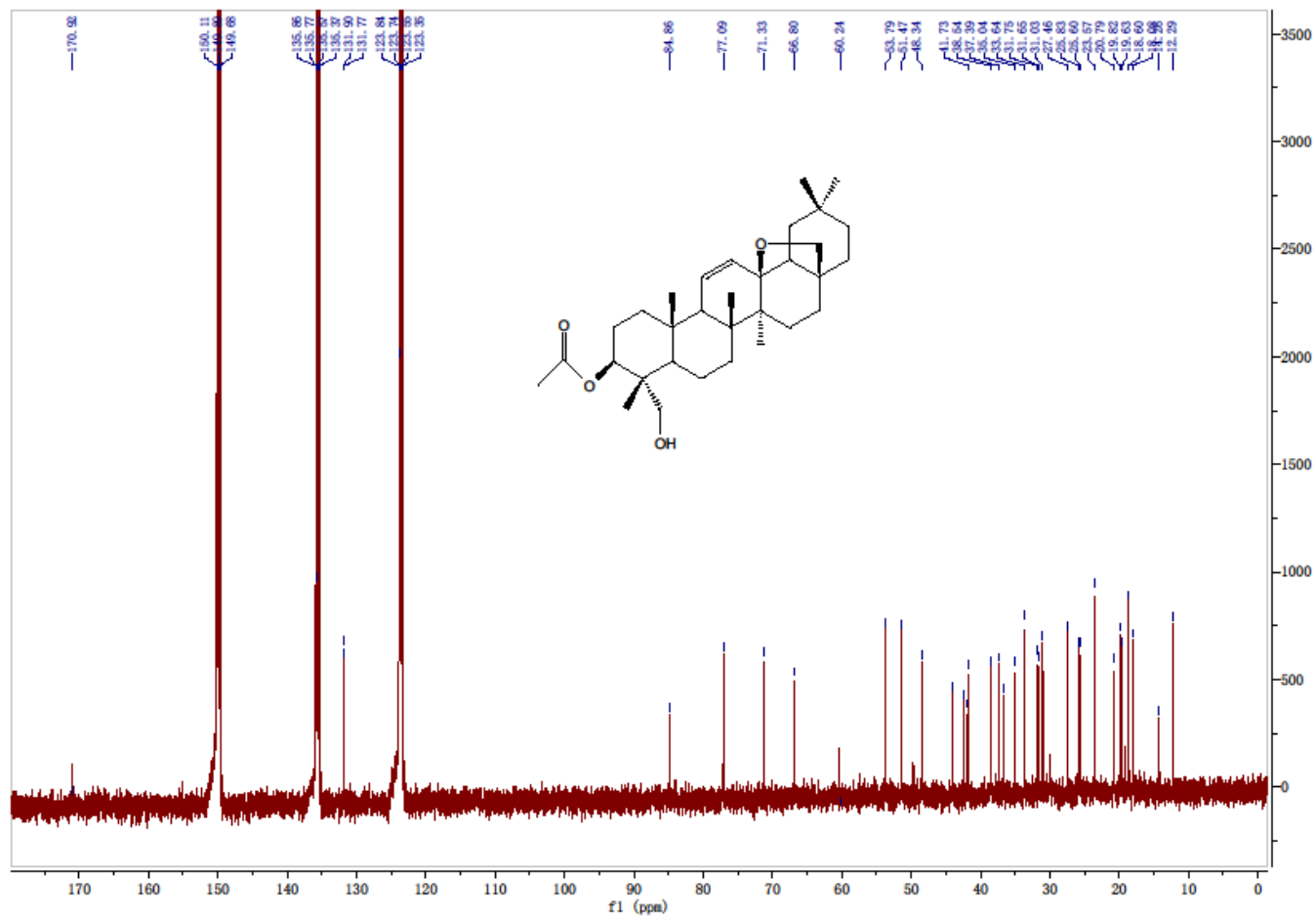
Minimum: -10.0
Maximum: 120.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Formula
498.3715	498.3709	0.6	1.2	8.0	5546067.0	C32 H50 O4

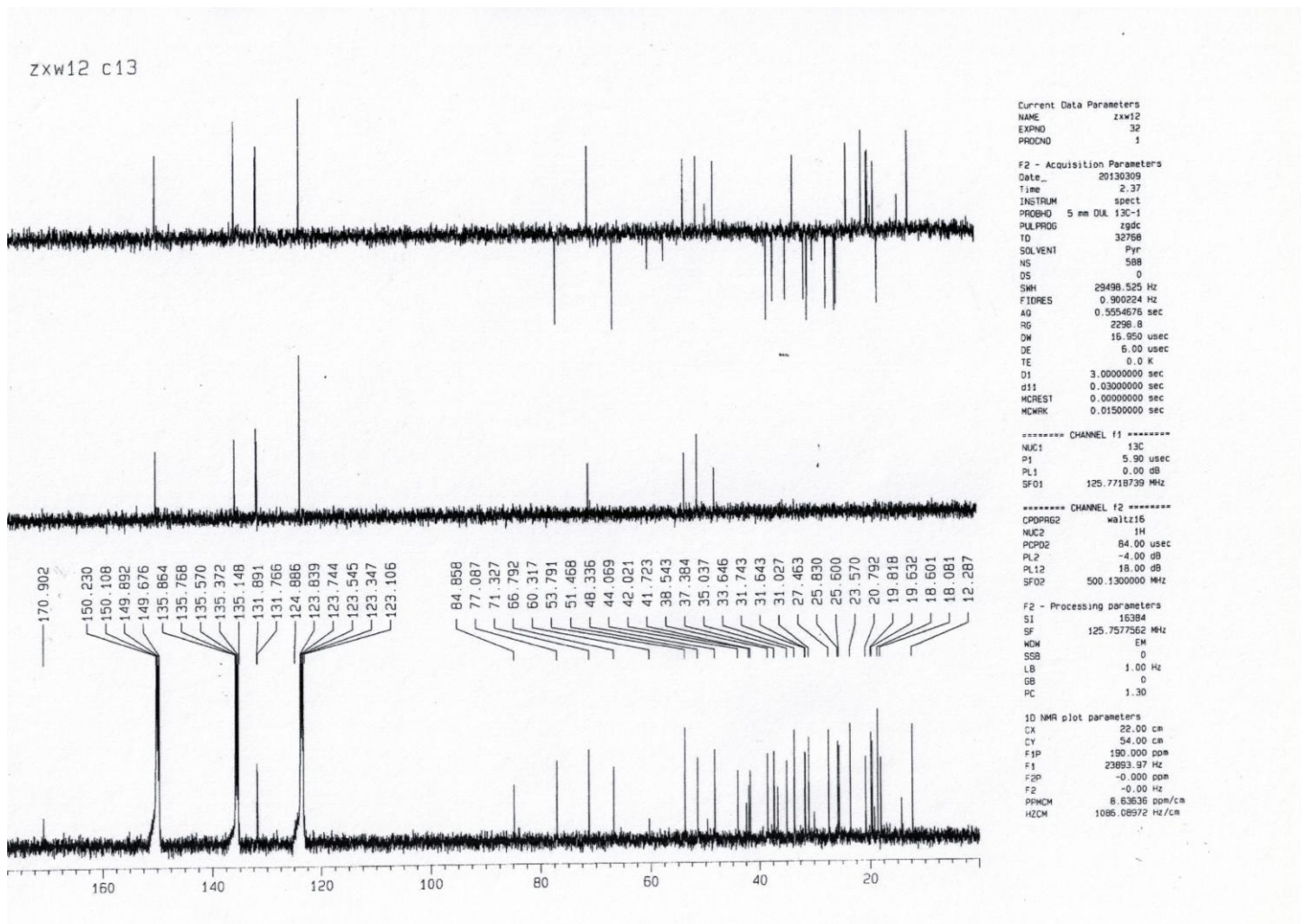
S2: MS spectrum of 1



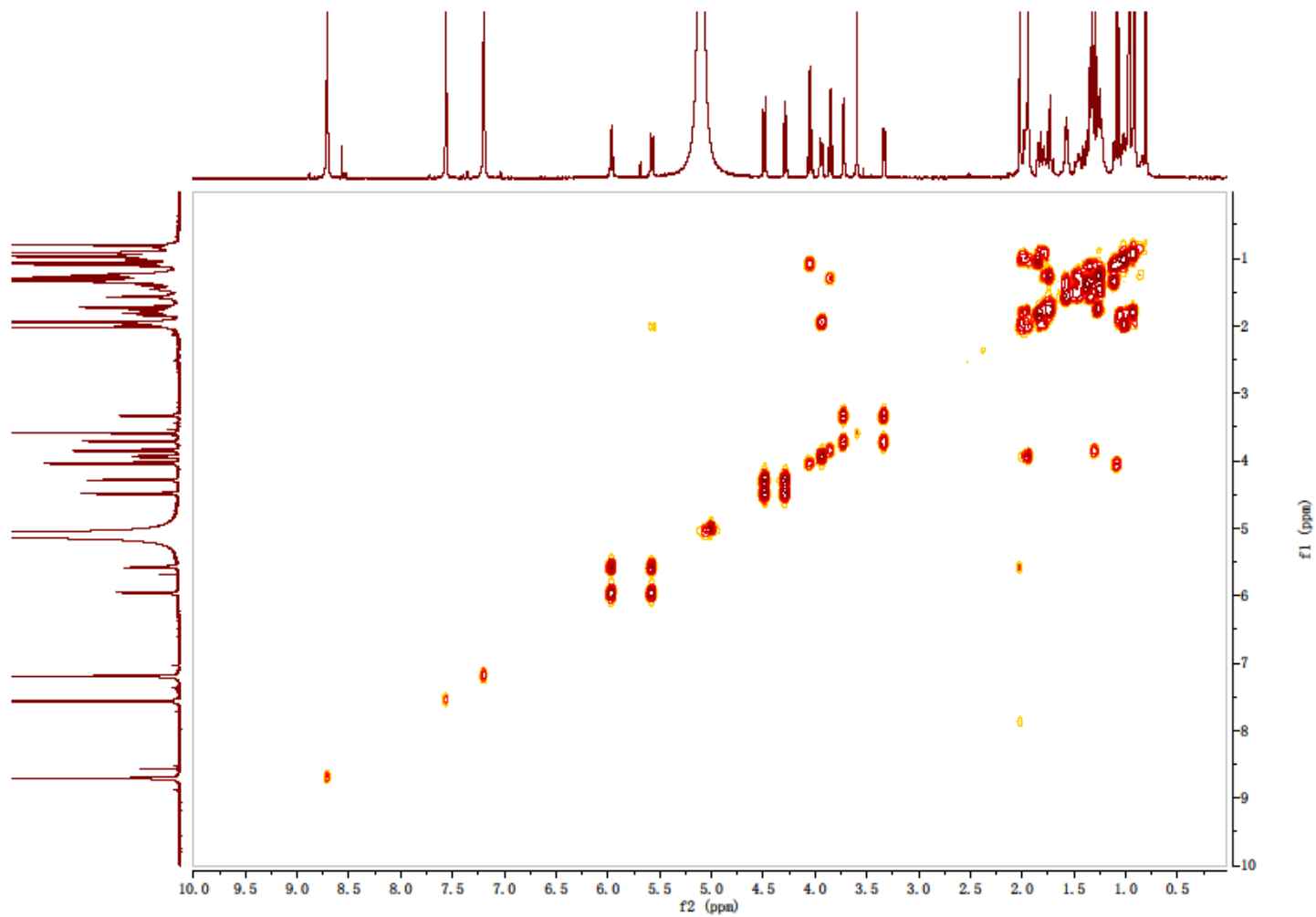
S3: $^1\text{H-NMR}$ spectrum 500 MHz, pyridine- D_5 of **1**



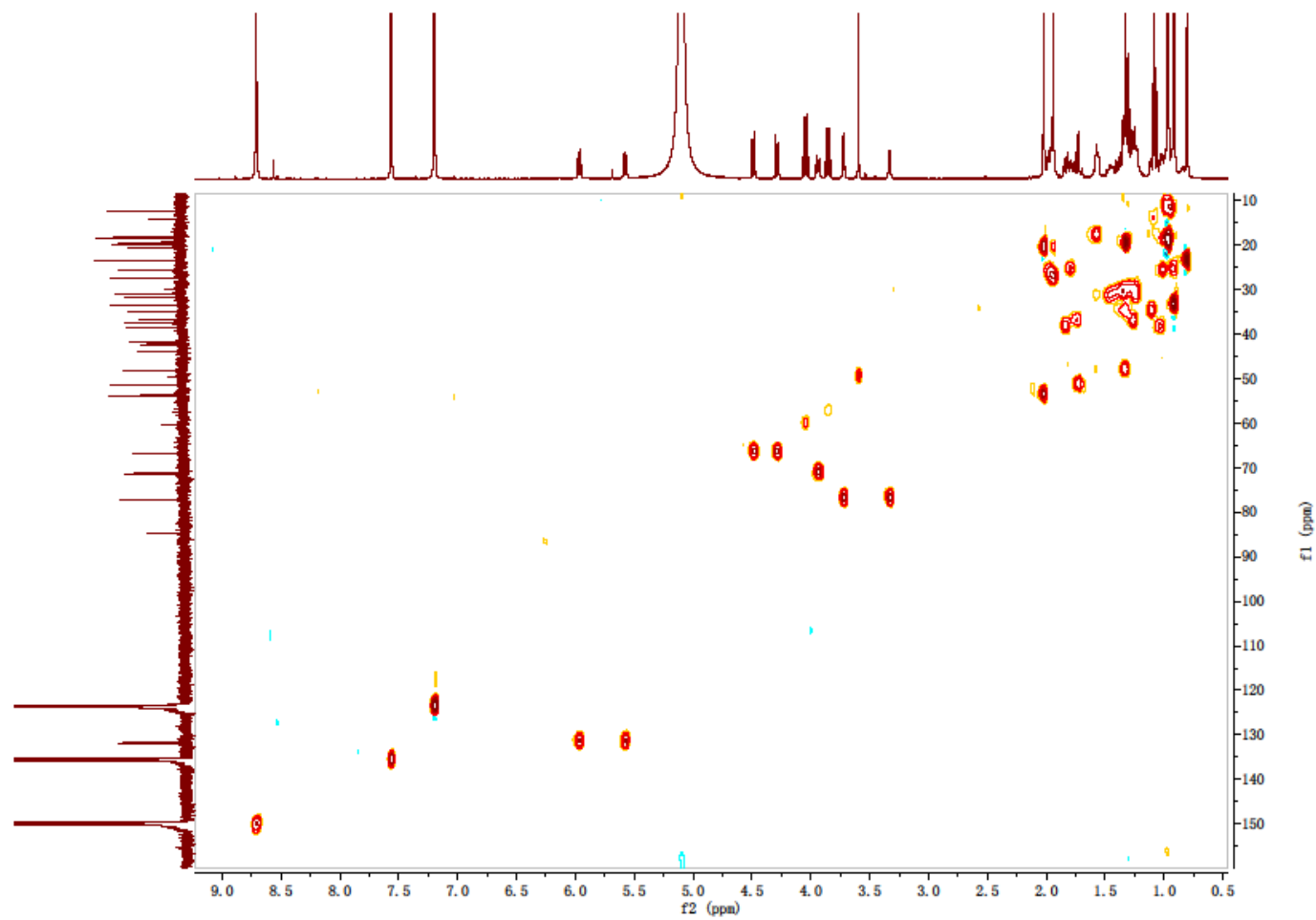
S4: ^{13}C -NMR spectrum 125 MHz, pyridine- D_5 of **1**



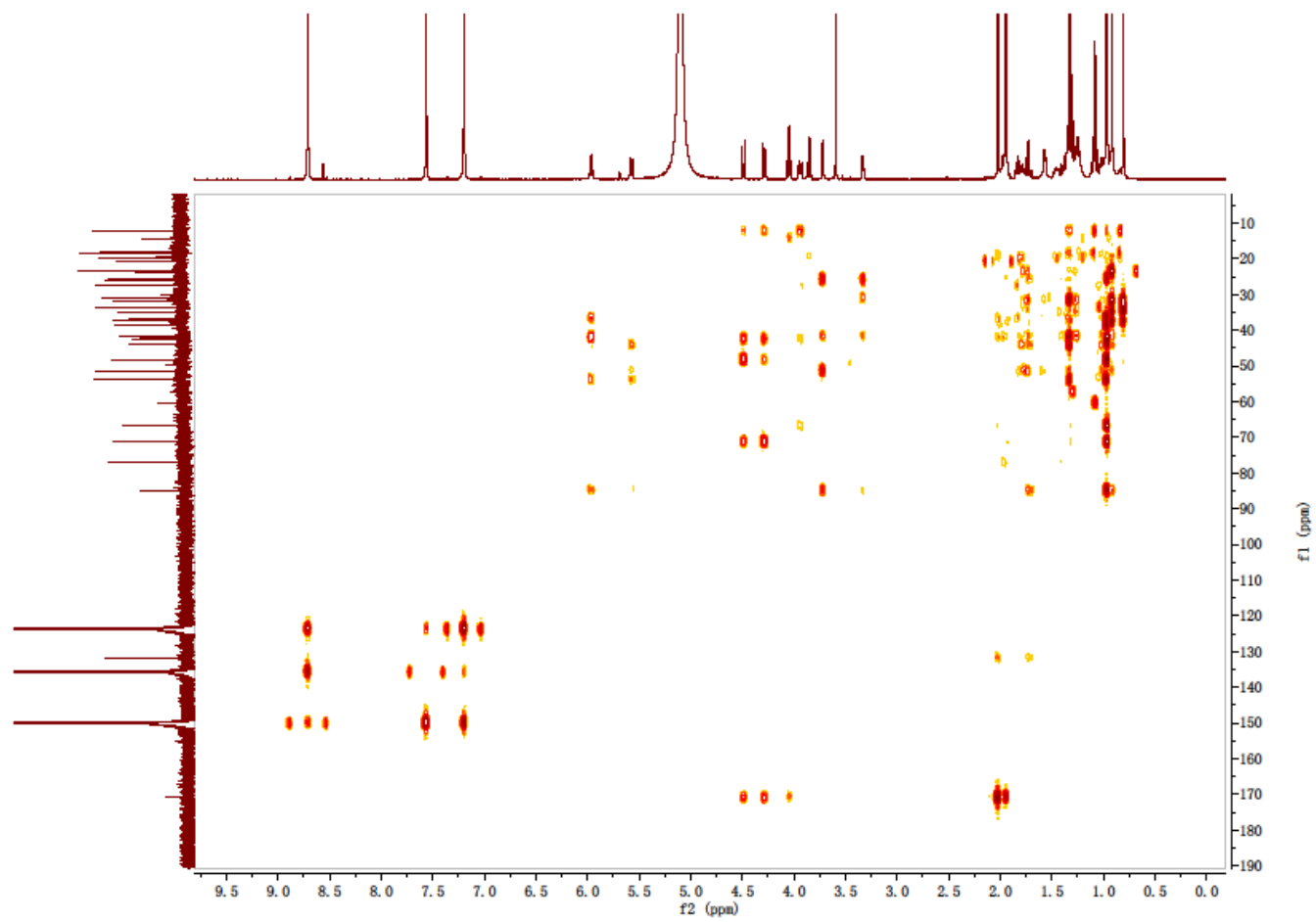
S5: DEPT spectrum 125 MHz, pyridine-D₅ of 1



S6: ^1H - ^1H COSY spectrum 500 MHz, pyridine- D_5 of **1**



S7: HSQC spectrum 500 MHz, pyridine- D_5 of **1**



S8: HMBC spectrum 500 MHz, pyridine-D₅ of **1**