Supporting Information

Secondary metabolites from the mangrove soil derived fungus *Xylariaceae* sp. SCSIO41212

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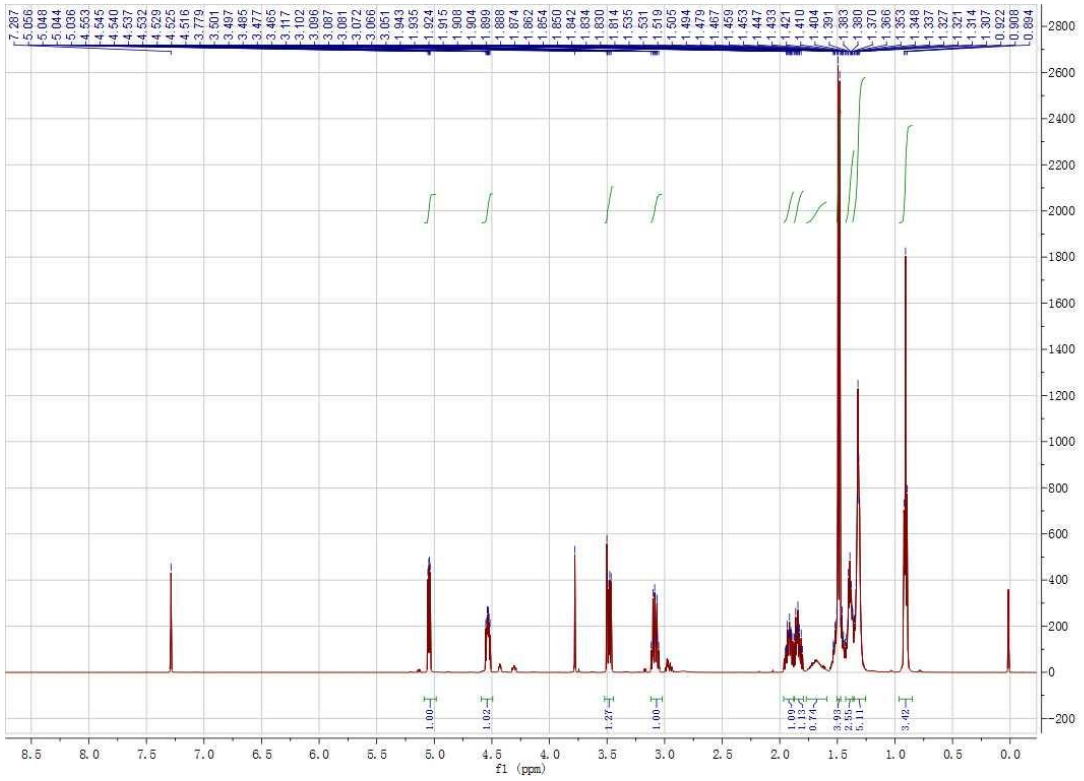
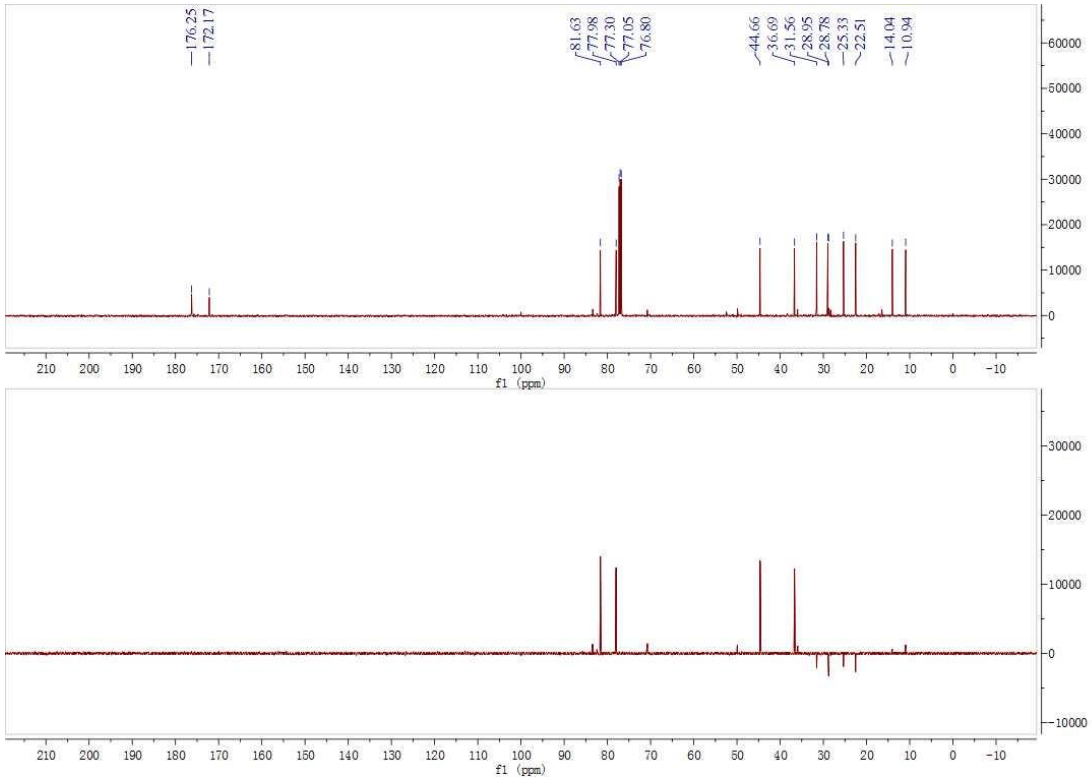
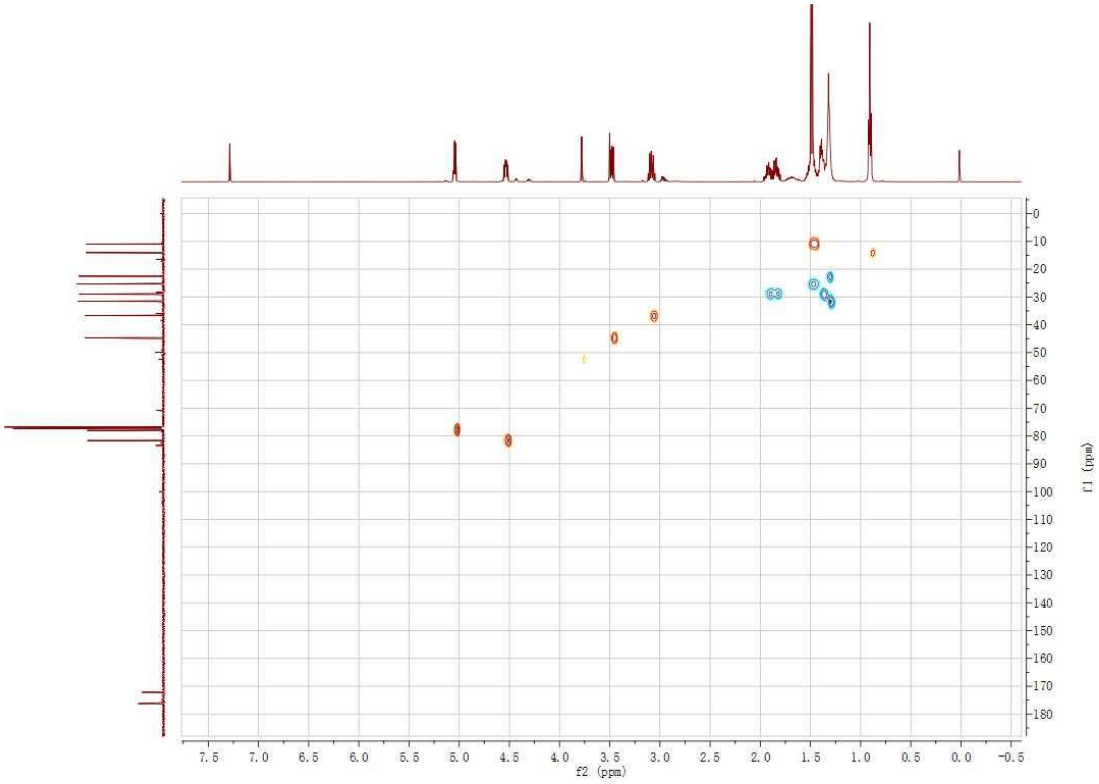
S1: ^{1}H-NMR (500 MHz, $CDCl_3$) spectrum of compound **1**



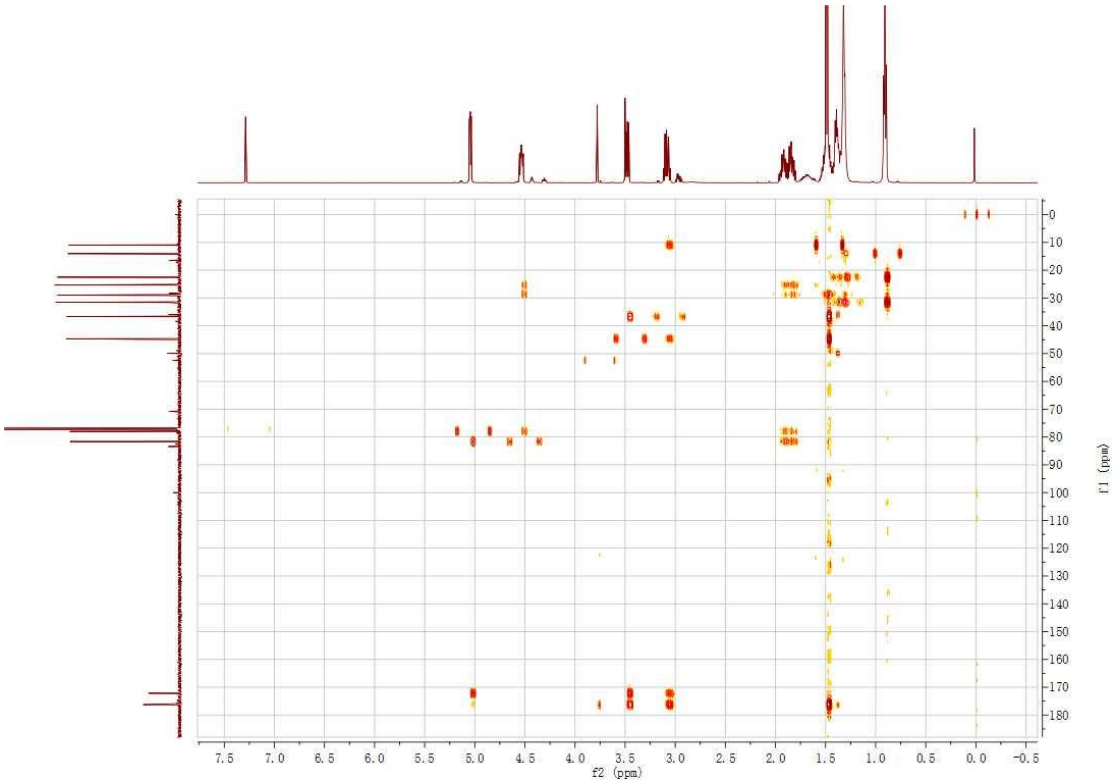
S2: ^{13}C-NMR (125 MHz, $CDCl_3$) spectrum of compound **1**



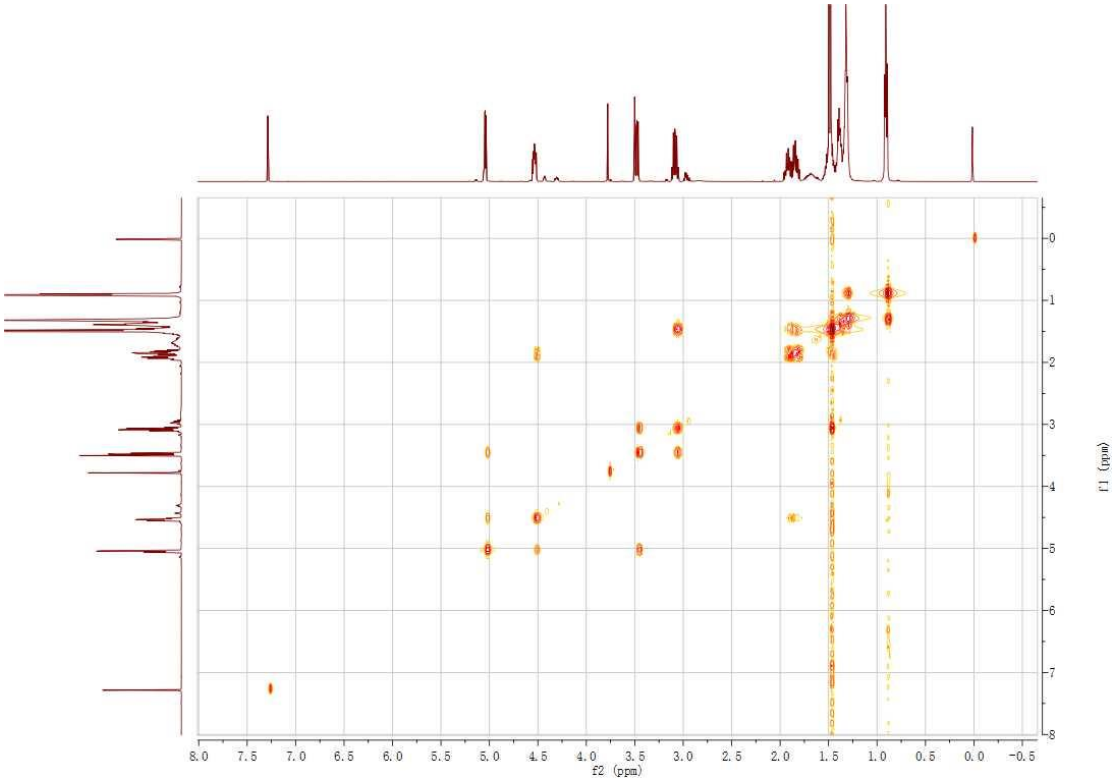
S3: HSQC (500 MHz) spectrum of compound **1**



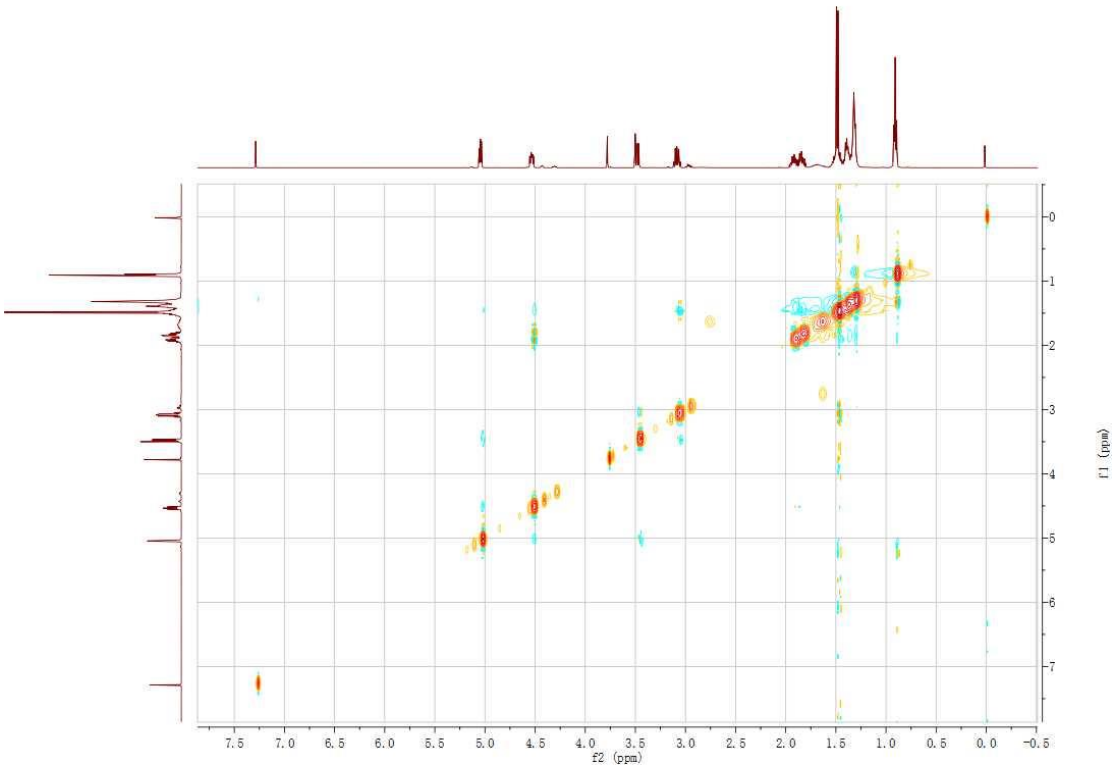
S4: HMBC (500 MHz) spectrum of compound **1**



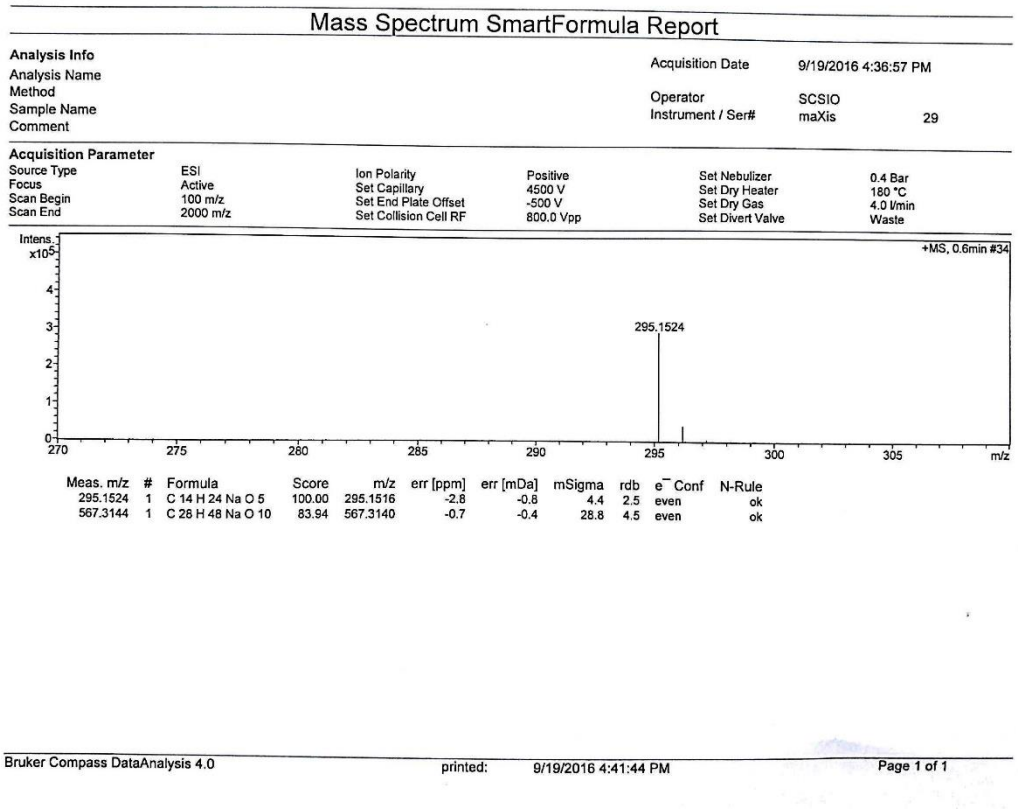
S5: ^{1}H-^{1}H COSY (500 MHz) spectrum of compound **1**



S6: NOESY spectrum of compound **1**



S7: HRESIMS spectrum of compound **1**



Mass Spectrum SmartFormula Report

Analysis Info

Analysis Name		Acquisition Date	9/19/2016 4:36:57 PM
Method		Operator	SCSIO
Sample Name		Instrument / Ser#	maXis 29
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.4 Bar
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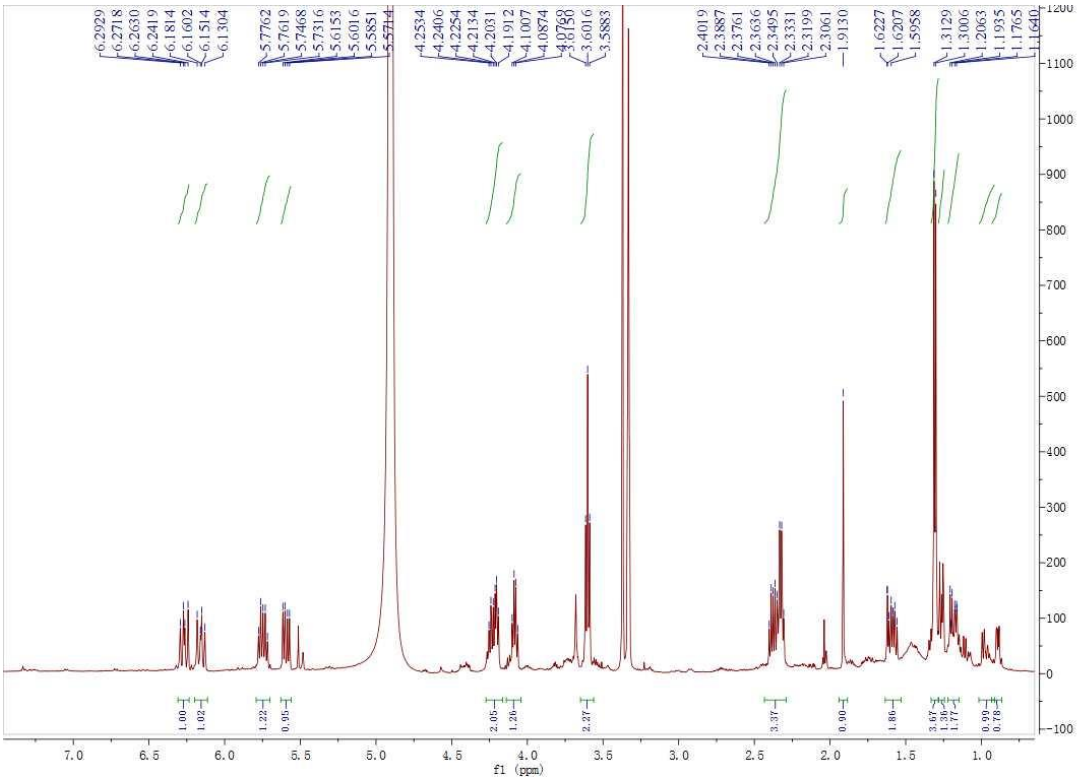
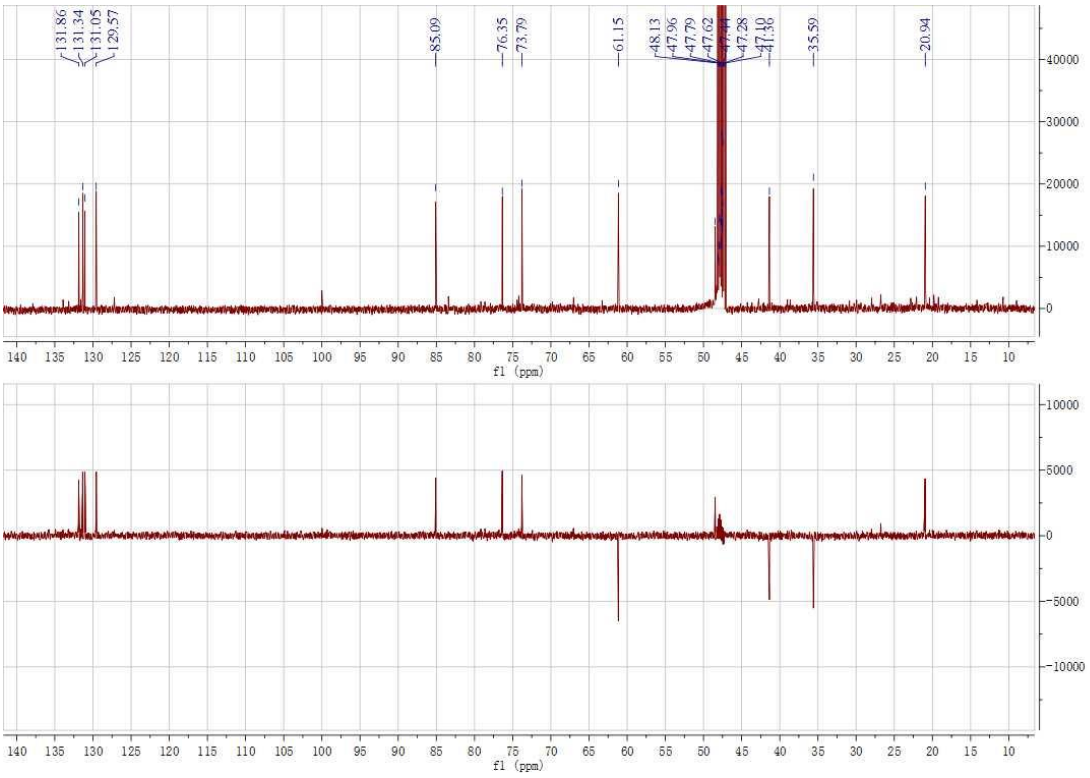
Scan Begin	100 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	2000 m/z	Set Collision Cell RF	800.0 Vpp	Set Divert Valve	Waste

Meas. m/z	#	Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
295.1524	1	C 14 H 24 Na O 5	100.00	295.1516	-2.8	-0.8	4.4	2.5	even	ok
567.3144	1	C 28 H 48 Na O 10	83.94	567.3140	-0.7	-0.4	28.8	4.5	even	ok

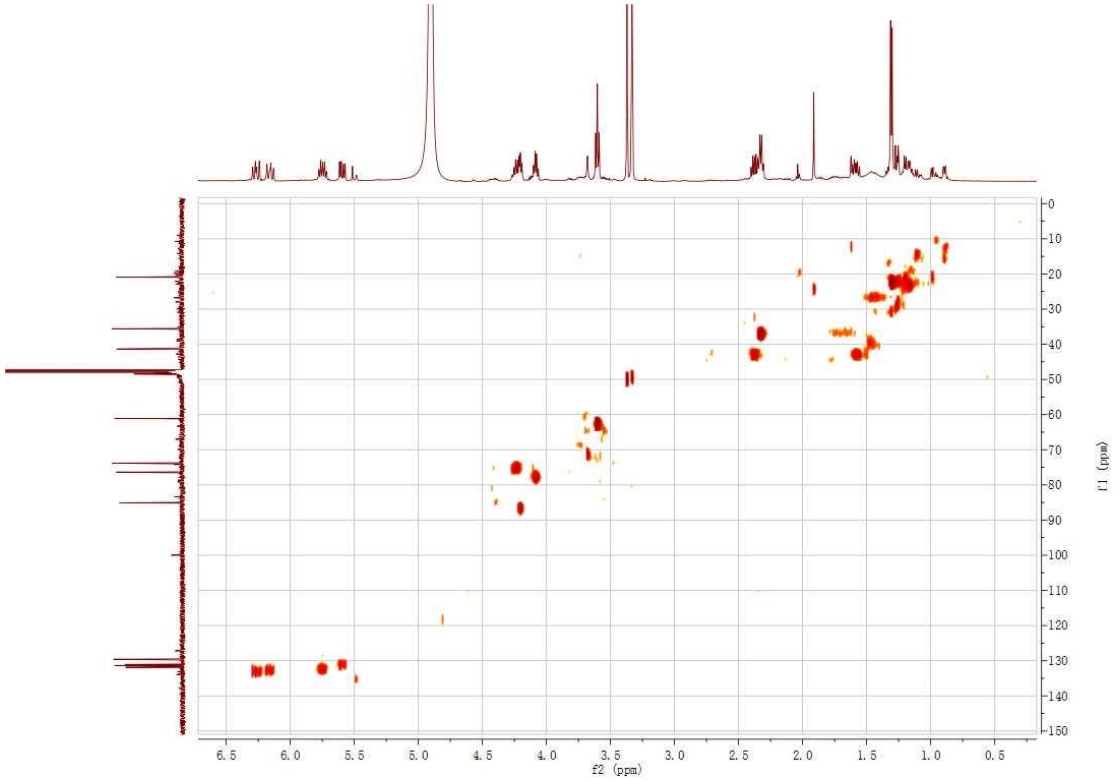
S8: ^{1}H-NMR (500 MHz, CD_3OD) spectrum of compound **2**



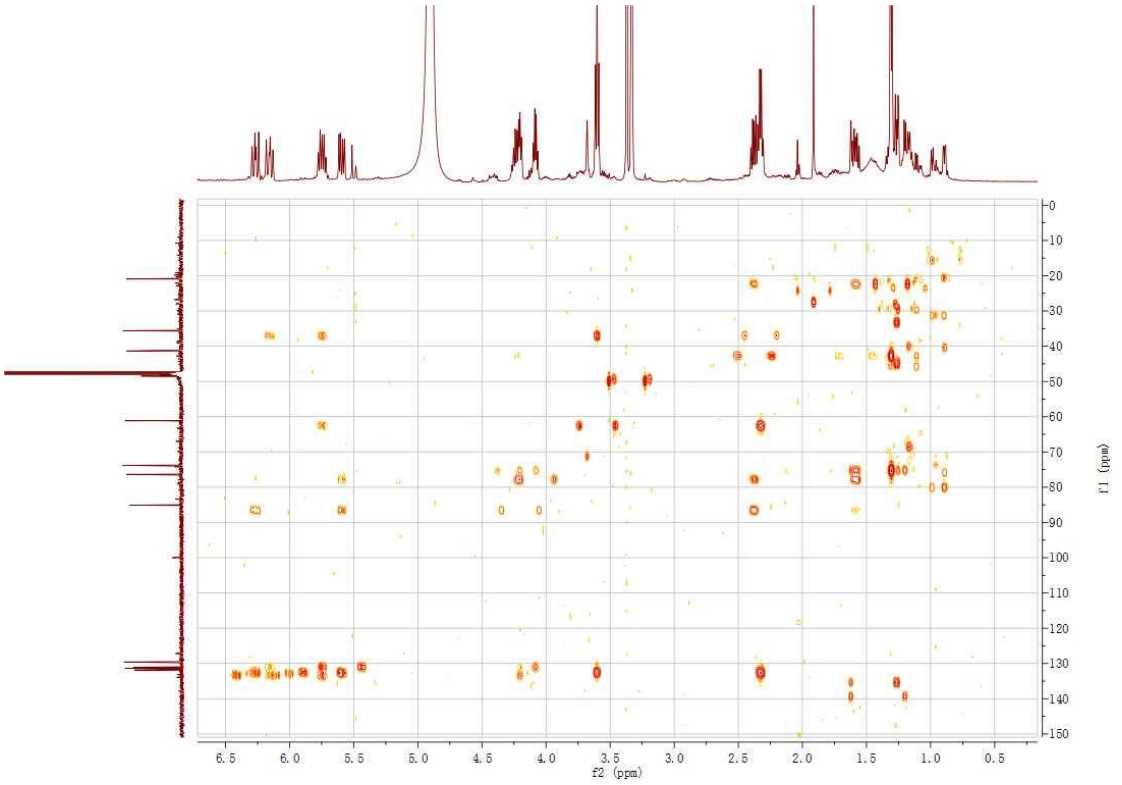
S9: ^{13}C-NMR (125 MHz, CD_3OD) spectrum of compound **2**



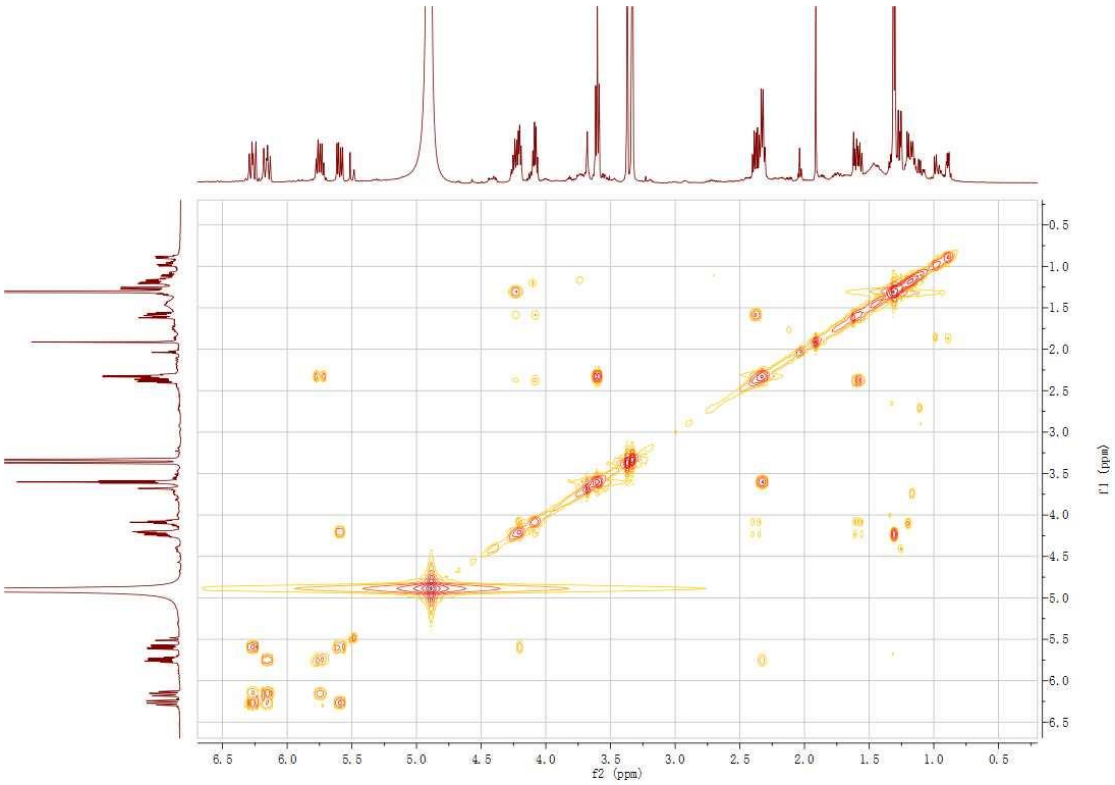
S10: HSQC (500 MHz) spectrum of compound **2**



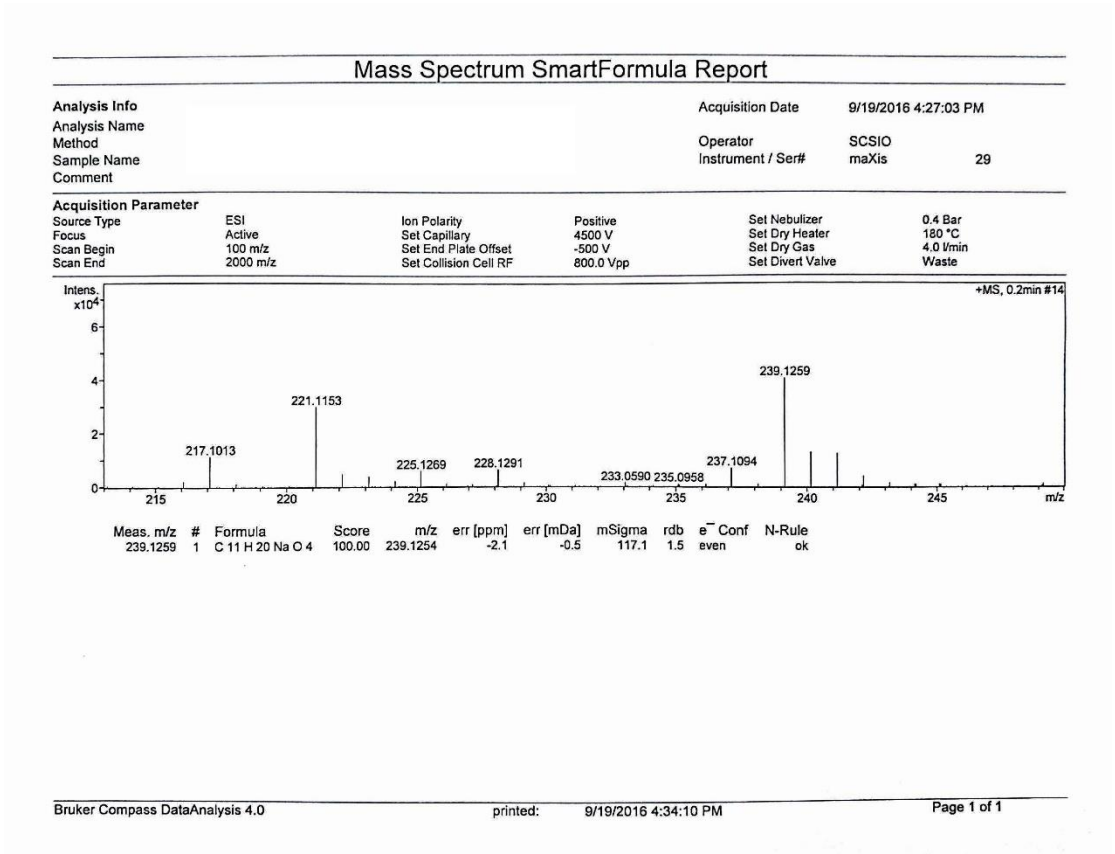
S11: HMBC (500 MHz) spectrum of compound **2**



S12: ^{1}H-^{1}H COSY (500 MHz) spectrum of compound **2**



S13: HRESIMS spectrum of compound **2**



Mass Spectrum SmartFormula Report

Analysis Info

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Method			
Sample Name		Operator	SCSIO
Comment		Instrument / Ser#	maXis 29

Acquisition Parameter

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Scan Begin	100 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	2000 m/z	Set Collision Cell RF	800.0 Vpp	Set Divert Valve	Waste

Meas. m/z	#	Formula	Score	m/z	err [ppm]	err [mDa]	mSigma	rdb	e⁻ Conf	N-Rule
239.1259	1	C 11 H 20 Na O 4	100.00	239.1254	-2.1	-0.5	117.1	1.5	even	ok

S14: CD spectrum of compound **1**