

## Supporting Information

*Rec. Nat. Prod.* 10:6 (2016) 708-713

### Secondary Metabolites from A New Sesquiterpenoid Derivative from the Coastal Saline Soil Fungus *Aspergillus fumigatus*

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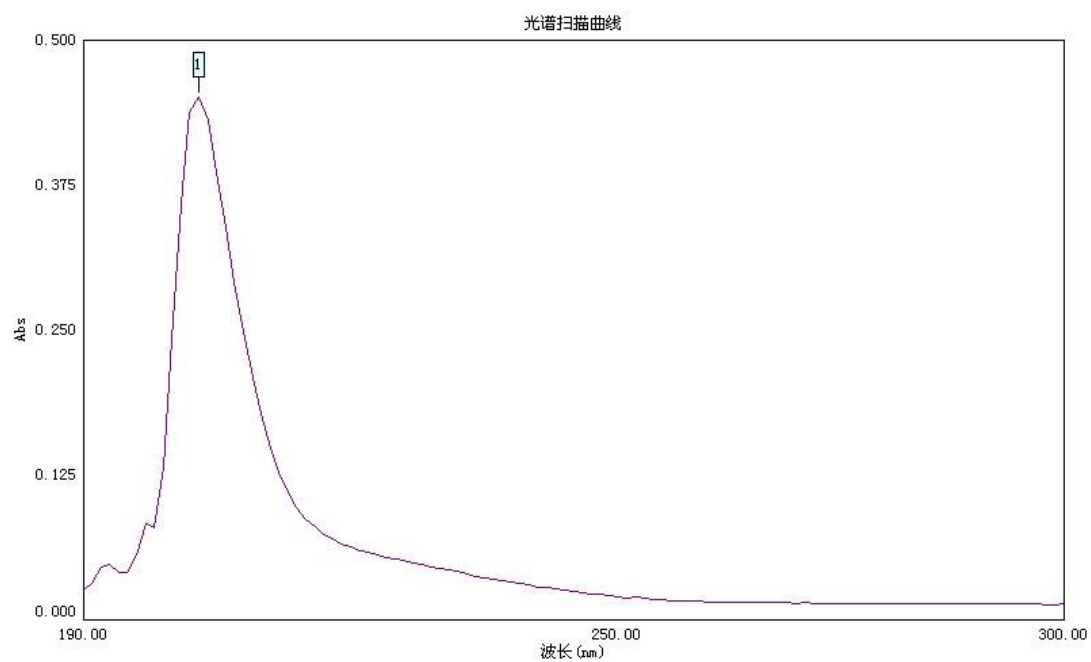
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*College of Pharmacy, Binzhou Medical University, Yantai, Shandong 264003, P. R. China*

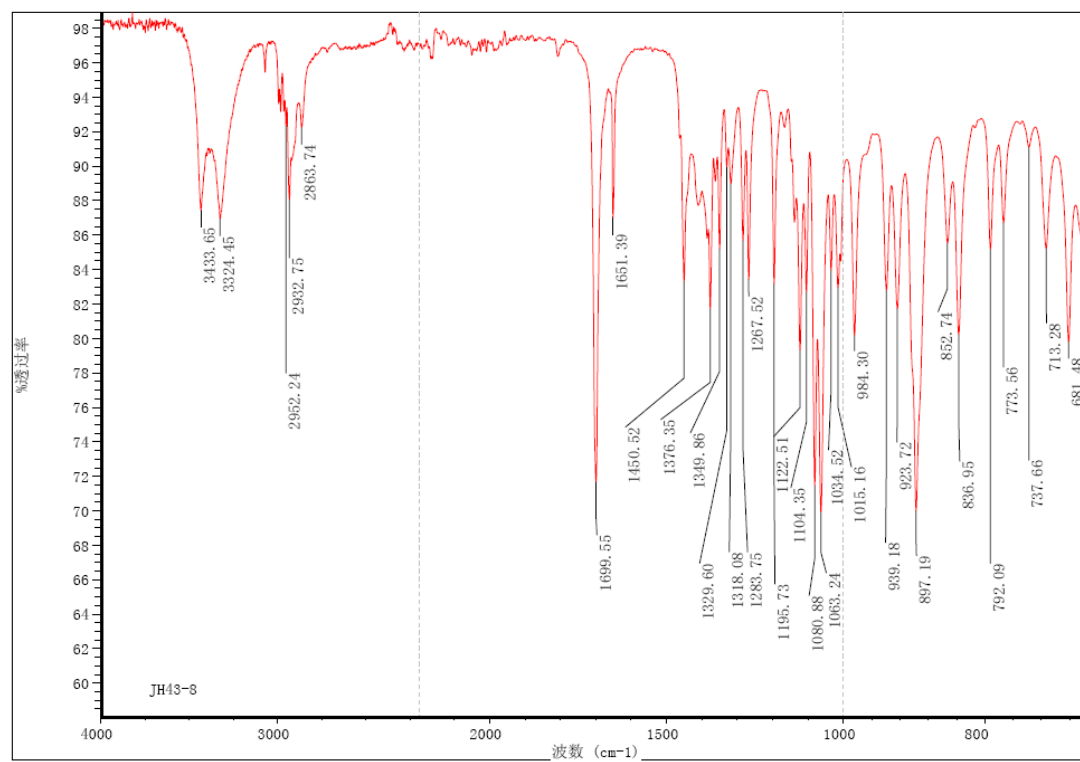
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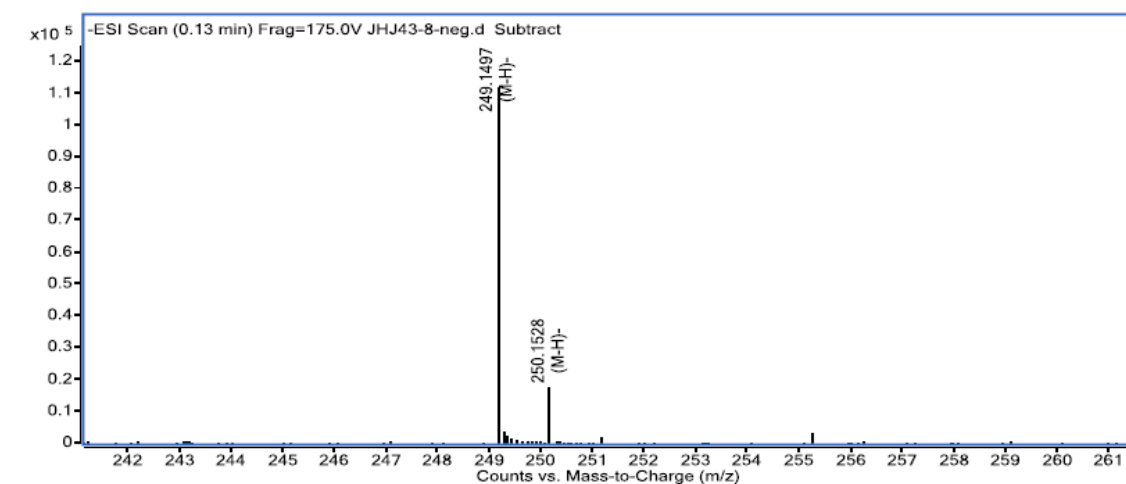
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The UV spectrum of compound **1**



The IR spectrum of compound **1**

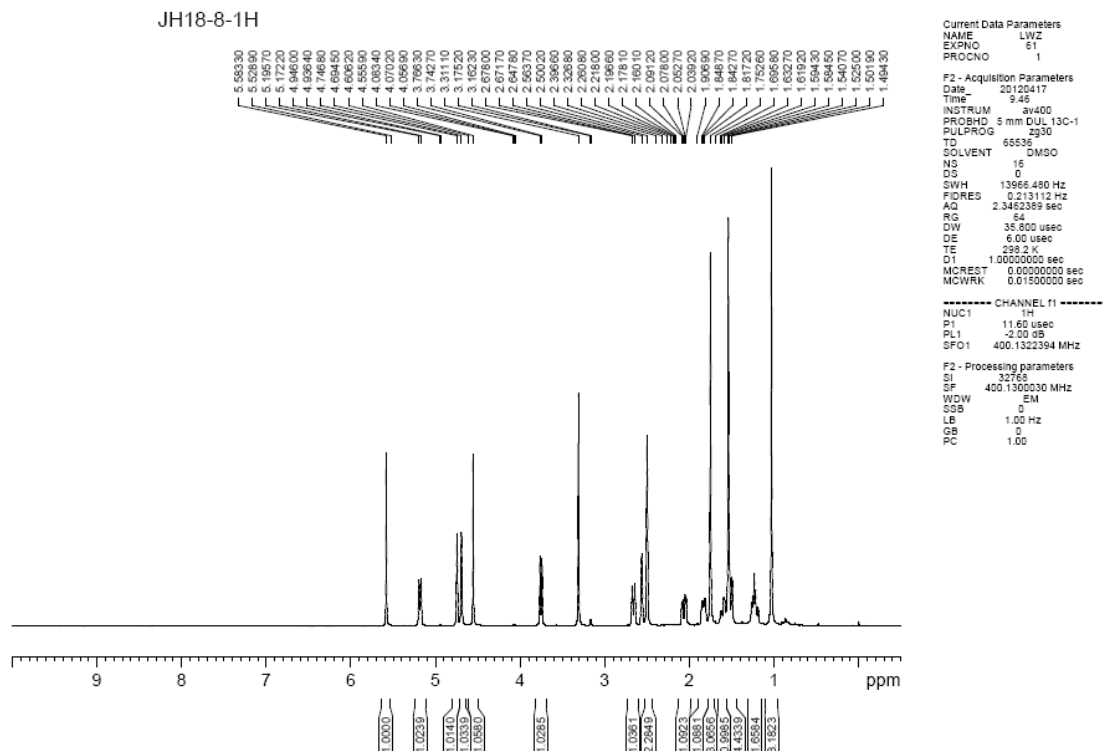


Formula	Score	Mass	Mass (MFG)	Diff (ppm)	Diff (abs. ppm)	Diff (mDa)	ID Source	Score (MFG)
C15 H22 O3	99.71	250.1569	250.1569	-0.22	0.22	-0.05	MFG	99.71

Species	Ion Formula	m/z	Height	Score (MFG)	Score (MFG, MS)	Score (MFG, mass)	Score (MFG, abund)	Score (MFG, iso. spacing)
(M-H)-	C15 H21 O3	249.1496	111484.1	99.71	99.71	99.97	99.7	99.19

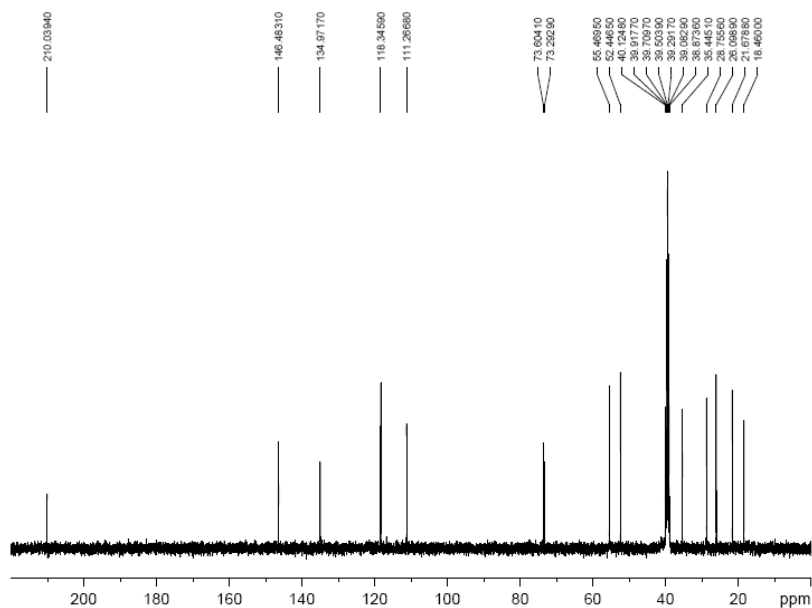
m/z	m/z (Calc)	Diff (ppm)	Diff (mDa)	Height	Height (Calc)	Height %	Height % (Calc)	Height Sum %	Height Sum% (Calc)
249.1497	249.1496	-0.22	-0.1	111484.1	110909.2	100	100	84.8	84.4
250.1528	250.153	1.06	0.3	17851.8	18388.1	16	16.6	13.6	14
251.1547	251.1556	3.43	0.9	2072.1	2110.7	1.9	1.9	1.6	1.6

The HR-ESI-MS spectrum of compound **1**



The  $^1\text{H}$  NMR spectrum of compound **1**

JH18-8-13C



Current Data Parameters  
NAME LWJZ  
EXPNO 52  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20120417  
Time 9:49  
INSTRUM av400  
PROBHD 5 mm DUL 13C-1  
PULPROG zgpg  
TD 65536  
SOLVENT DMSO  
NS 223  
DS 0  
SWH 30120.492 Hz  
FIDRES 0.459502 Hz  
AQ 1.0879475 sec  
RG 16384  
DQ 16.620 usec  
DE 6.00 usec  
TE 299.2 K  
D1 2.00000000 sec  
d11 0.03000000 sec  
MCREST 0.00000000 sec  
MCWRK 0.01500000 sec

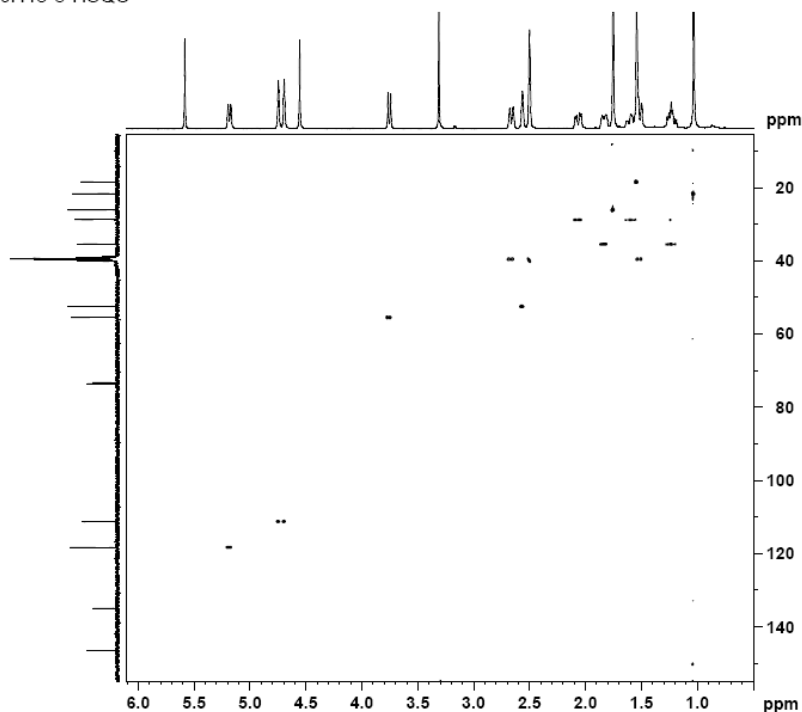
----- CHANNEL f1 -----  
NUC1 13C  
P1 9.00 usec  
PL1 -2.00 dB  
SFO1 100.6261804 MHz

----- CHANNEL f2 -----  
CPDPRG2 waltz16  
NUC2 1H  
PCPD2 80.00 usec  
PL2 -2.00 dB  
PL12 14.77 dB  
SFO2 400.1315000 MHz

F2 - Processing parameters  
SI 32768  
SF 100.5125211 MHz  
WDW EM  
SSB 0  
LB 1.00 Hz  
GB 0  
PC 1.40

The  $^{13}\text{C}$  NMR spectrum of compound **1**

JH43-8-HSQC



Current Data Parameters  
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EXPNO 54  
PROCNO 1

F2 - Acquisition Parameters  
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INSTRUM av400  
PROBHD 5 mm DUL 13C-1  
PULPROG zgpg  
SOLVENT DMSO  
NS 2  
DS 0  
SWH 2048.204 Hz  
FIDRES 1.007700 Hz  
AQ 0.499502 sec  
RG 3072  
DQ 0.00000000 sec  
DE 6.00 usec  
TE 299.2 K  
D1 2.00000000 sec  
d11 0.00000000 sec  
d12 0.00000000 sec  
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d99 0.00000000 sec  
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----- CHANNEL f1 -----  
NUC1 1H  
P1 12.00 usec  
PL1 -2.00 dB  
SFO1 400.1315000 MHz

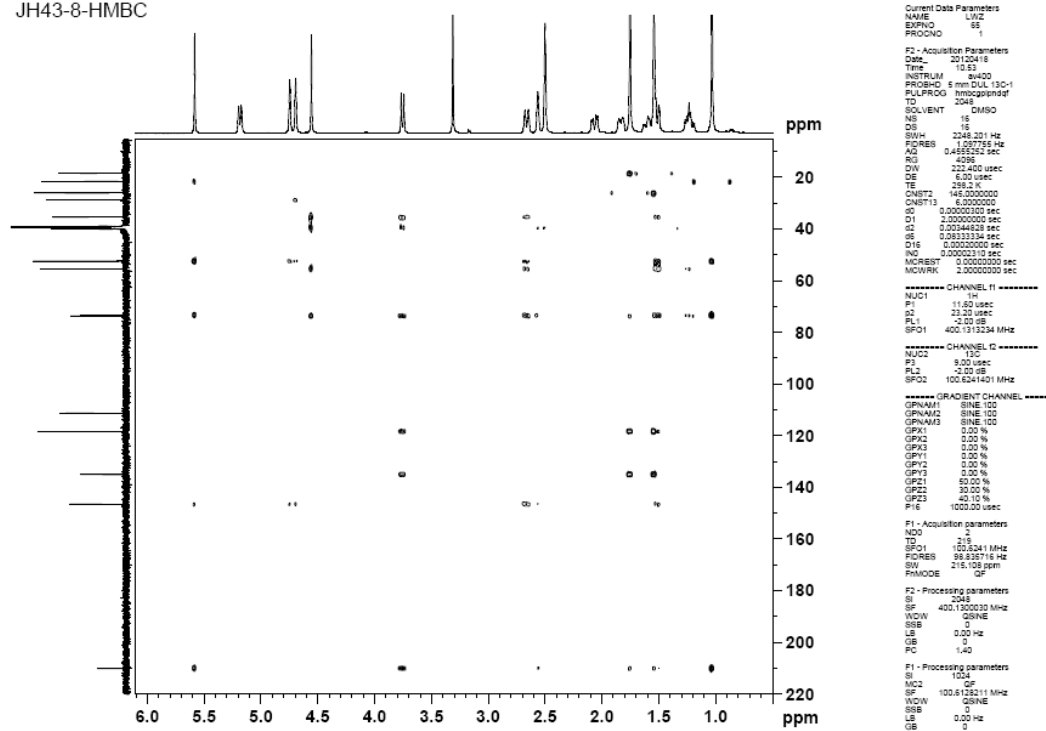
----- CHANNEL f2 -----  
CPDPRG2 zgpg  
NUC2 13C  
PCPD2 80.00 usec  
PL2 -2.00 dB  
PL12 14.77 dB  
SFO2 100.6261804 MHz

----- GRADIENT CHANNEL -----  
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GPMAC2 SINE 100  
GPMAC3 SINE 100  
GPMAC4 SINE 100  
GPMAC5 SINE 100  
GPMAC6 SINE 100  
GPMAC7 SINE 100  
GPMAC8 SINE 100  
GPMAC9 SINE 100  
GPMAC10 SINE 100  
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GPMAC95 SINE 100  
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GPMAC99 SINE 100  
GPMAC100 SINE 100

F2 - Processing parameters  
SI 32768  
SF 100.5125211 MHz  
WDW EM  
SSB 0  
LB 1.00 Hz  
GB 0  
PC 1.40

The HSQC spectrum of compound **1**

JH43-8-HMBC



The HMBC spectrum of compound **1**