

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*

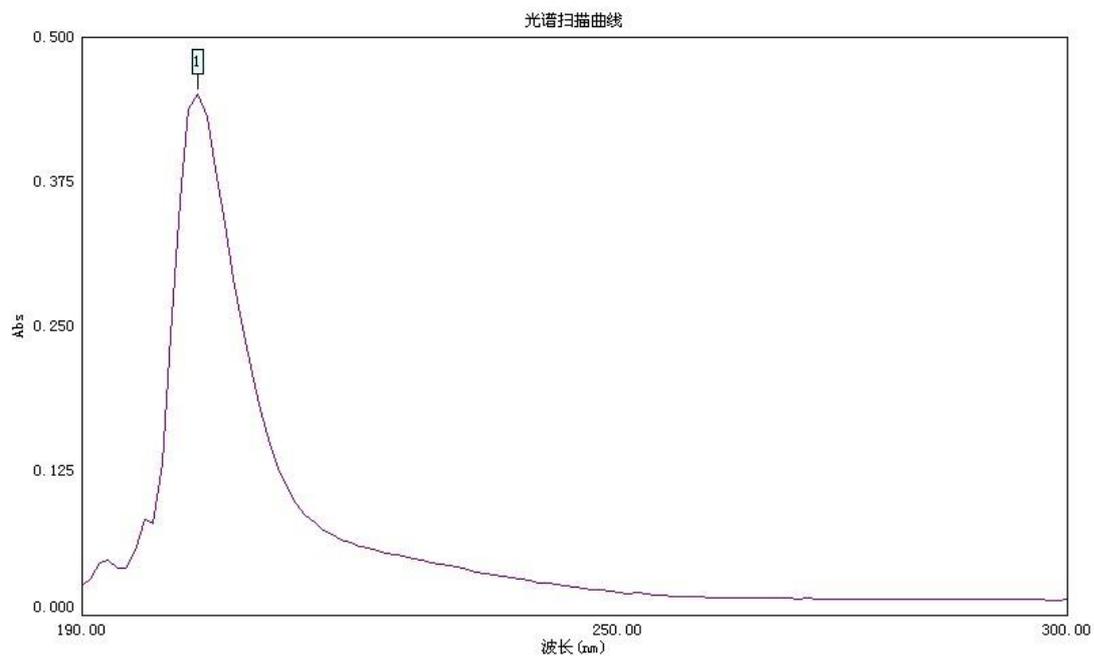
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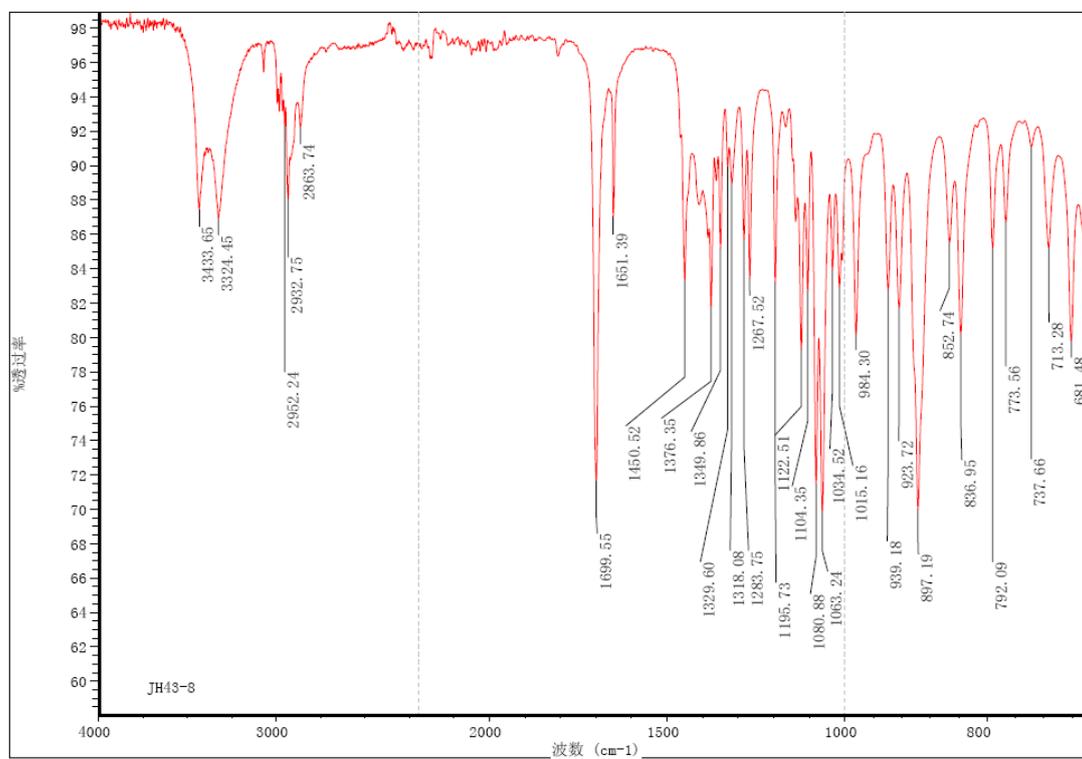
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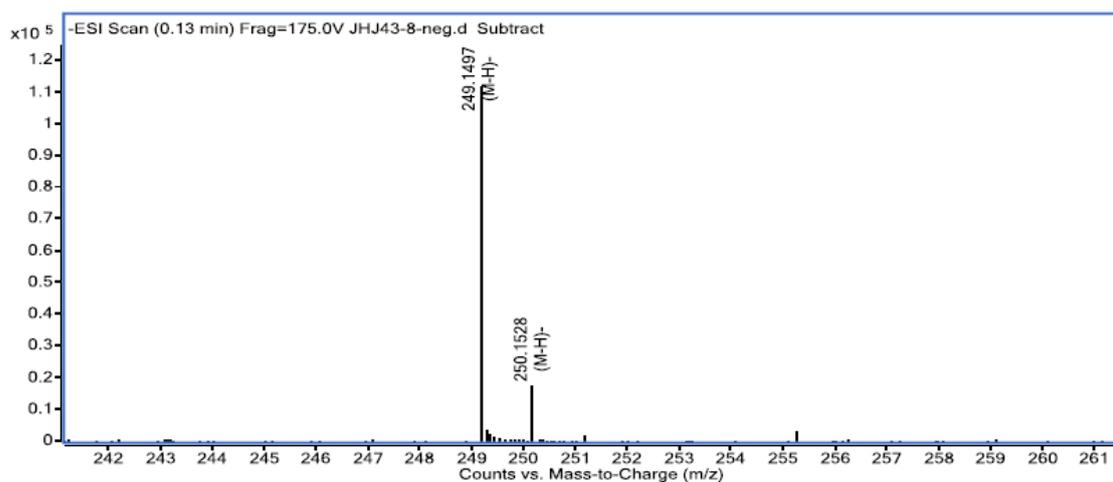
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The UV spectrum of compound 1



The IR spectrum of compound 1

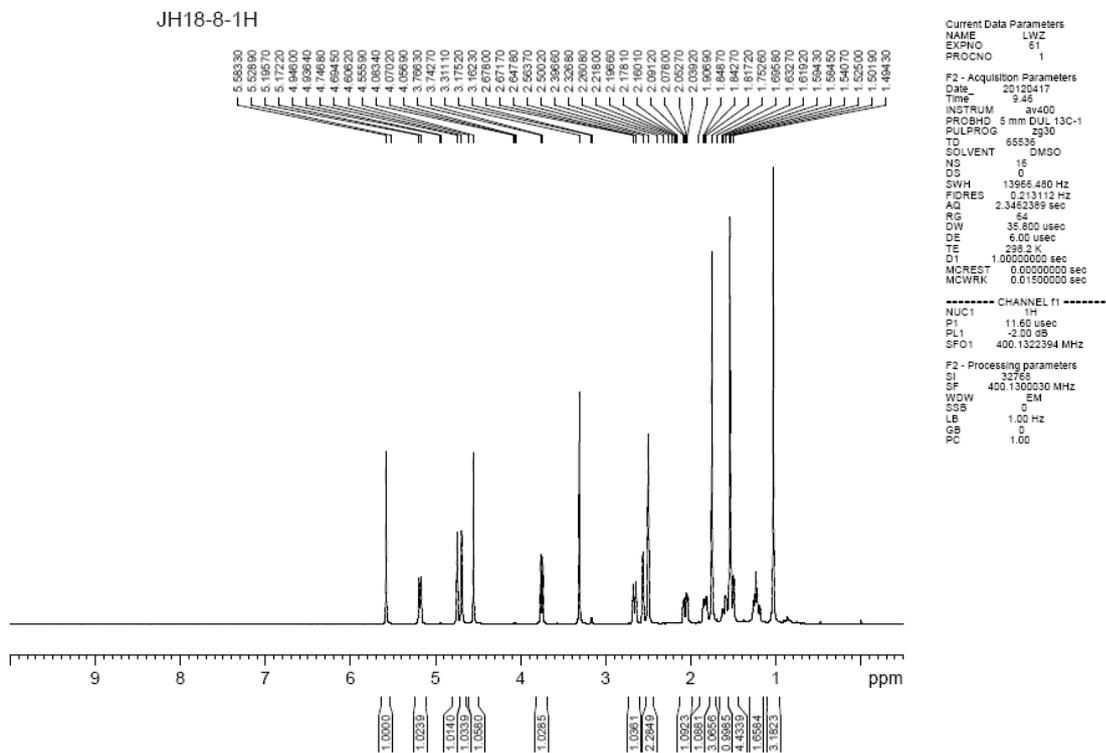


Formula	Score	Mass	Mass (MFG)	Diff (ppm)	Diff (abs. ppm)	Diff (mDa)	ID Source	Score (MFG)
C15 H22 O3	99.71	250.1569	250.1569	-0.22	0.22	-0.05	MFG	99.71

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

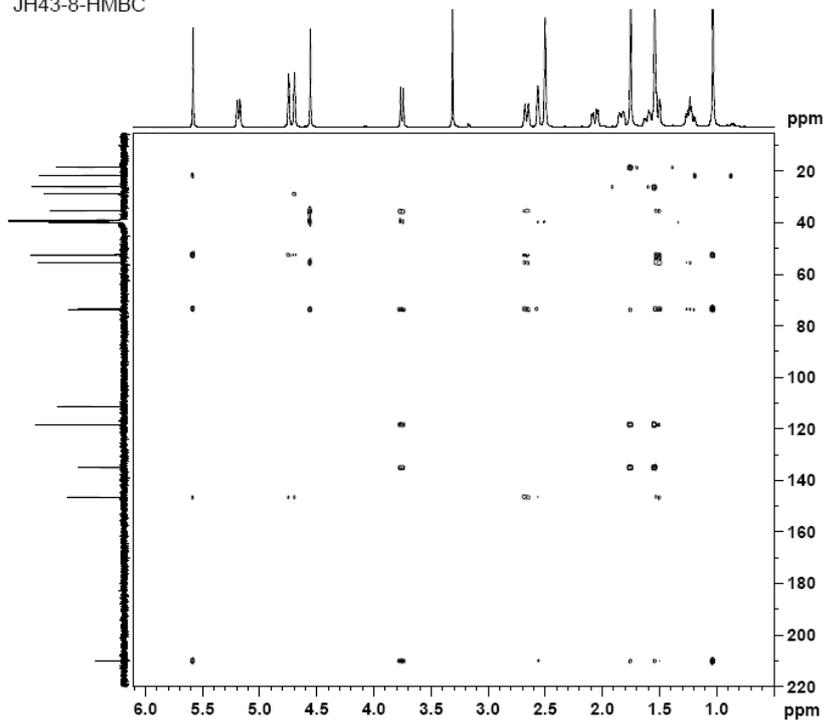
m/z	m/z (Calc)	Diff (ppm)	Diff (mDa)	Height	Height (Calc)	Height %	Height % (Calc)	Height Sum %	Height Sum% (Calc)
249.1497	249.1496	-0.22	-0.1	111484.1	110909.2	100	100	84.8	84.4
250.1528	250.153	1.06	0.3	17851.8	18388.1	16	16.6	13.6	14
251.1547	251.1556	3.43	0.9	2072.1	2110.7	1.9	1.9	1.6	1.6

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



The ¹H NMR spectrum of compound **1**

JH43-8-HMBC



```

Current Date Parameters
NAME          JH43-8-HMBC
EXPNO        66
PROCNO       1

F2 - Acquisition Parameters
Date_        20120418
Time         10:53
INSTRUM      sxt400
PROBHD       5 mm DUA-13C-1
PULPROG      hmcgppndzf
TD           2048
SOLVENT      DMSO
NS           16
DS           16
SWH          2248.201 Hz
FIDRES       1.007766 Hz
AQ           0.4655232 sec
RG           4096
DVI          222.400 usec
DE           6.00 usec
TE           298.2 K
CNST1       146.000000
CNST2       6.000000
SC           0.00000001 sec
D1           2.0000000 sec
S2           0.00444625 sec
S6           0.08333334 sec
D16         0.0000000 sec
INTEGRATE   0.00000310 sec
MCREST      0.0000000 sec
MCMARK      2.0000000 sec

----- CHANNEL f1 -----
NUC1         13C
P1           11.80 usec
SFO1         100.62611 MHz
PL1         -2.00 dB
SFO2         400.1313234 MHz

----- CHANNEL f2 -----
NUC2         1H
P2           9.00 usec
SFO2         400.6241401 MHz

----- GRADIENT CHANNEL -----
GPNAM1      SINE 100
GPNAM2      SINE 100
GPNAM3      SINE 100
GPK1        0.00 %
GPK2        0.00 %
GPK3        0.00 %
GPI1        0.00 %
GPI2        0.00 %
GPI3        0.00 %
GPI4        0.00 %
GPI5        0.00 %
GPI6        50.00 %
GPI7        30.00 %
GPI8        40.10 %
P16         1000.00 usec

F1 - Acquisition parameters
MD0         0
TD           21
SFO1         100.62611 MHz
FIDRES       99.835716 Hz
SW           216.106 ppm
FHM000      QF

F2 - Processing parameters
SI           2048
SF           400.1300030 MHz
WDW          SINE
SSB          0
LB           0.00 Hz
GB           1.40

F1 - Processing parameters
SI           1024
MC2         QF
SF           100.6132111 MHz
WDW          SINE
SSB          0
LB           0.00 Hz
GB           0
    
```

The HMBC spectrum of compound 1