

Supporting Information

Rec. Nat. Prod. 9:4 (2015) 503-508

A New α -Pyrone Derivatives from Endophytic Fungus

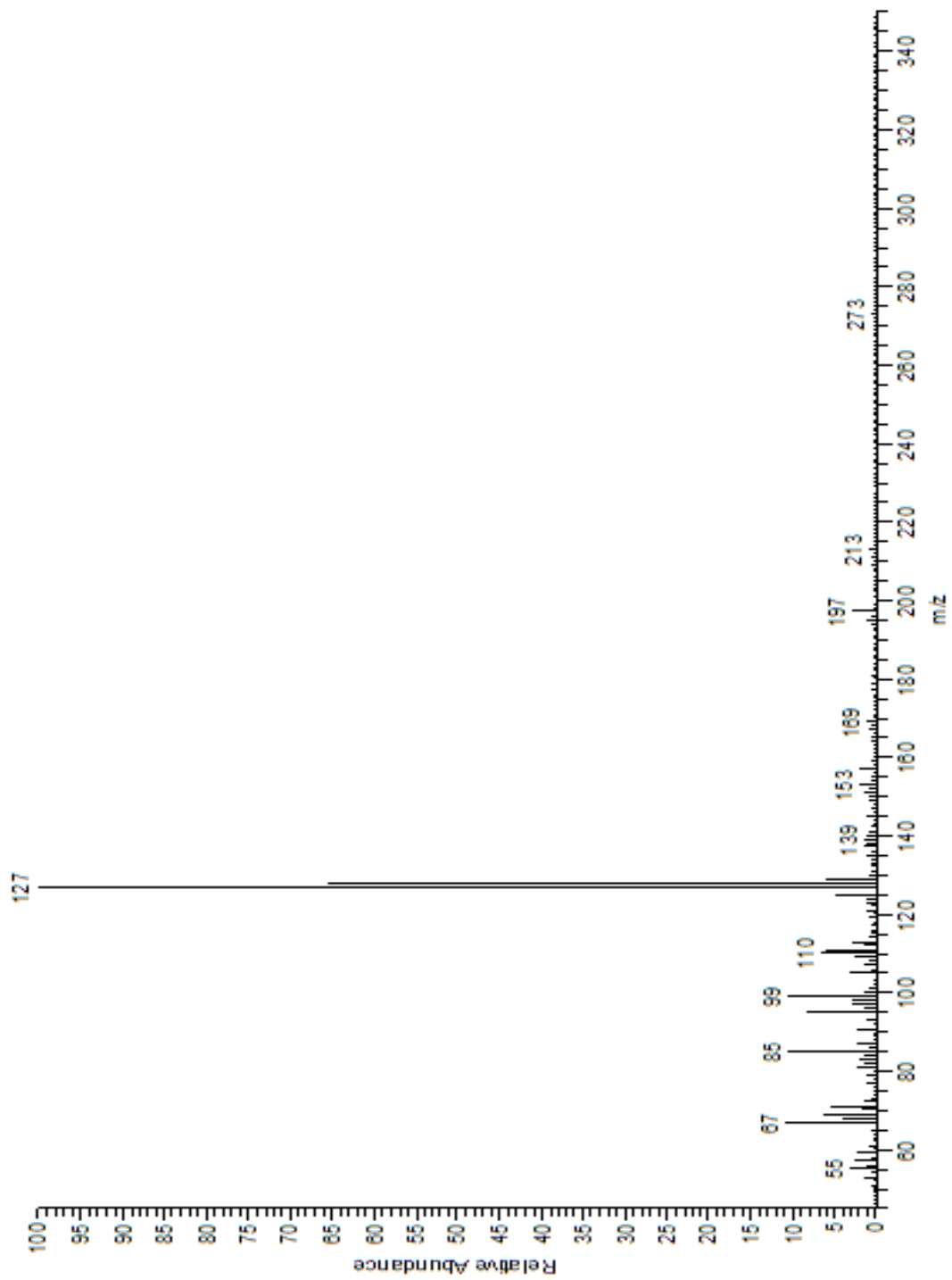
Pestalotiopsis microspora

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S1: ESIMS Spectrum of Compound 1

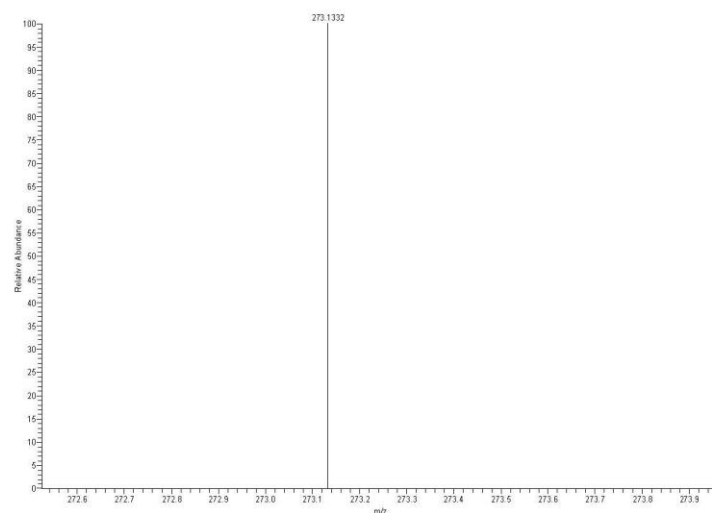
SPECTRUM - MS
File : D:\DATA-HR\13\092402-5-c2.RAW
Full ms [266.500 - 283.500] - Range: 272.000 - 273.330
Scan No. 18 of 23
Scan #: 18
RT: 0.67
Data points: 1

Mass	Relative Intensity	Theoretical Mass	Delta [ppm]	Delta [mmu]	RDB	Composition
273.1332	100.0	273.1333	-0.3	-0.1	3.5	C ₁₃ H ₂₀ O ₆

Instrument: M&T 500 (Thermo)
D:\DATA-HR\13\092402-5-c2

9/24/2013 11:04:20 AM

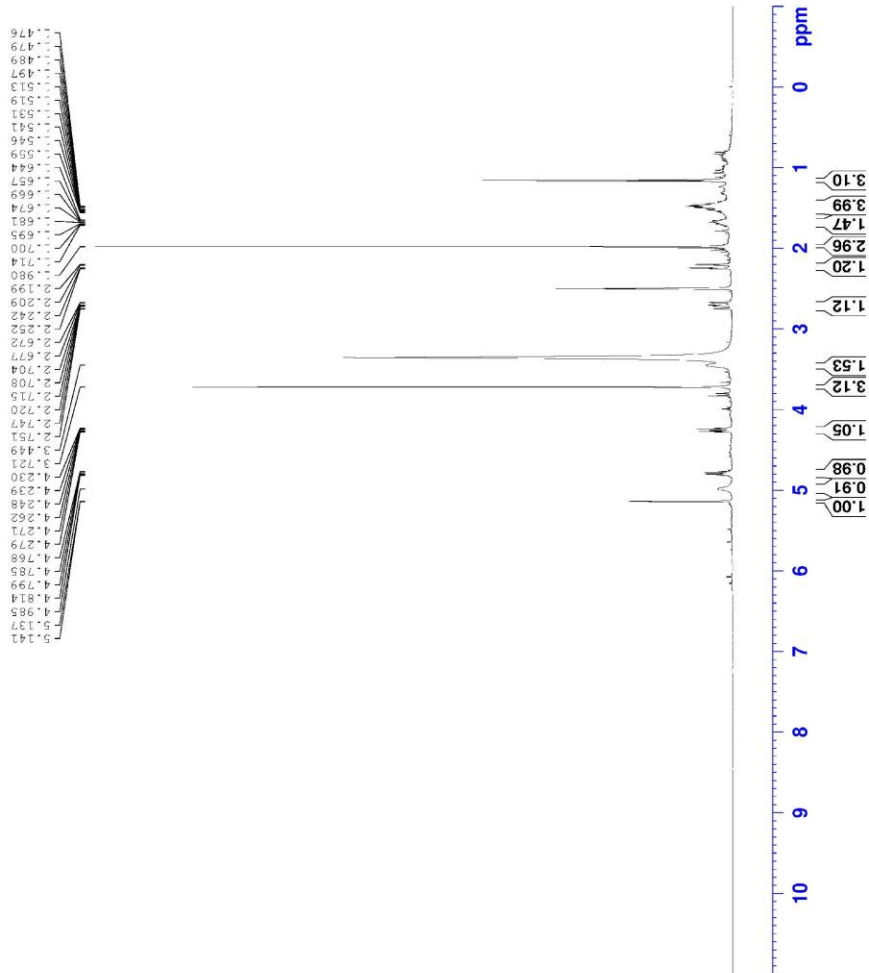
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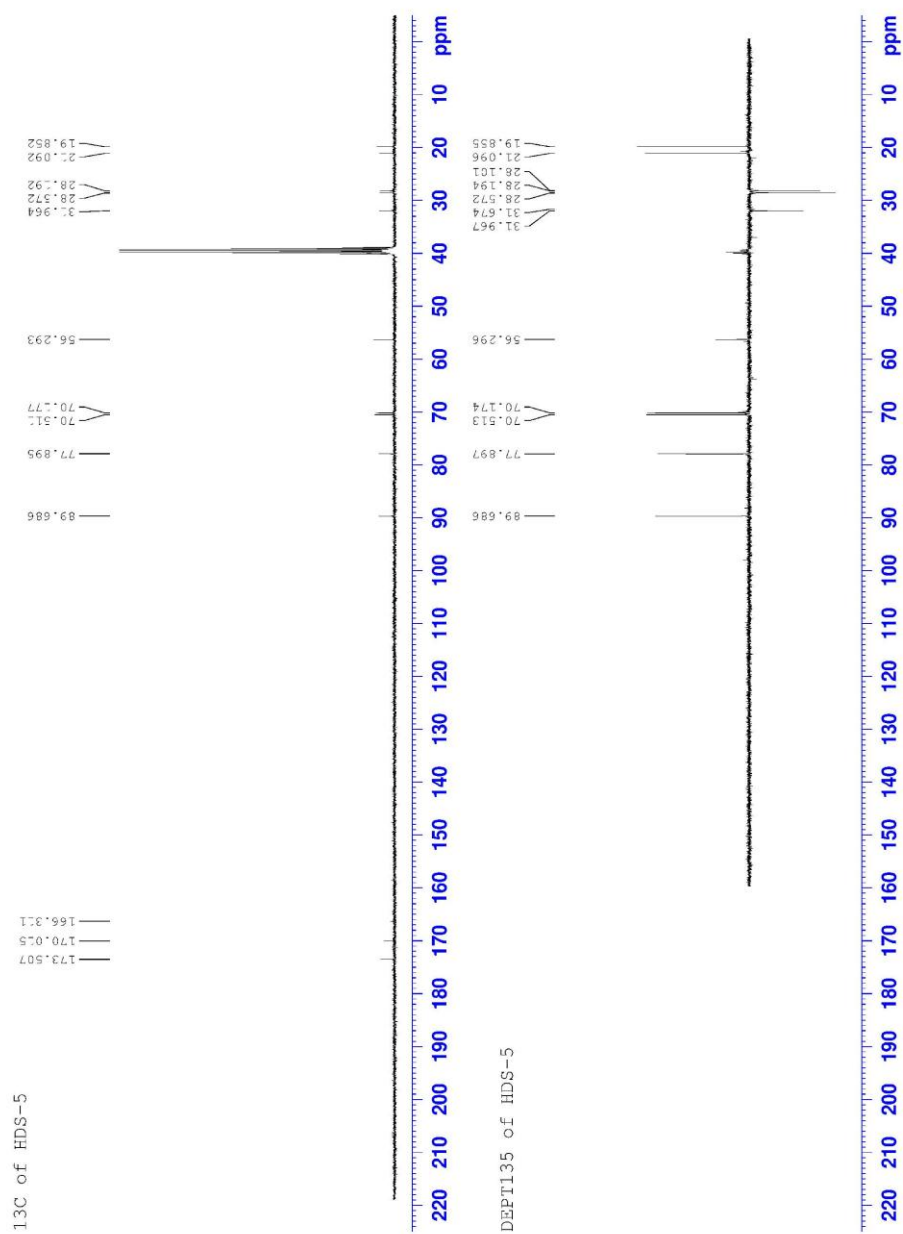
S2: HRESIMS Spectrum of Compound 1



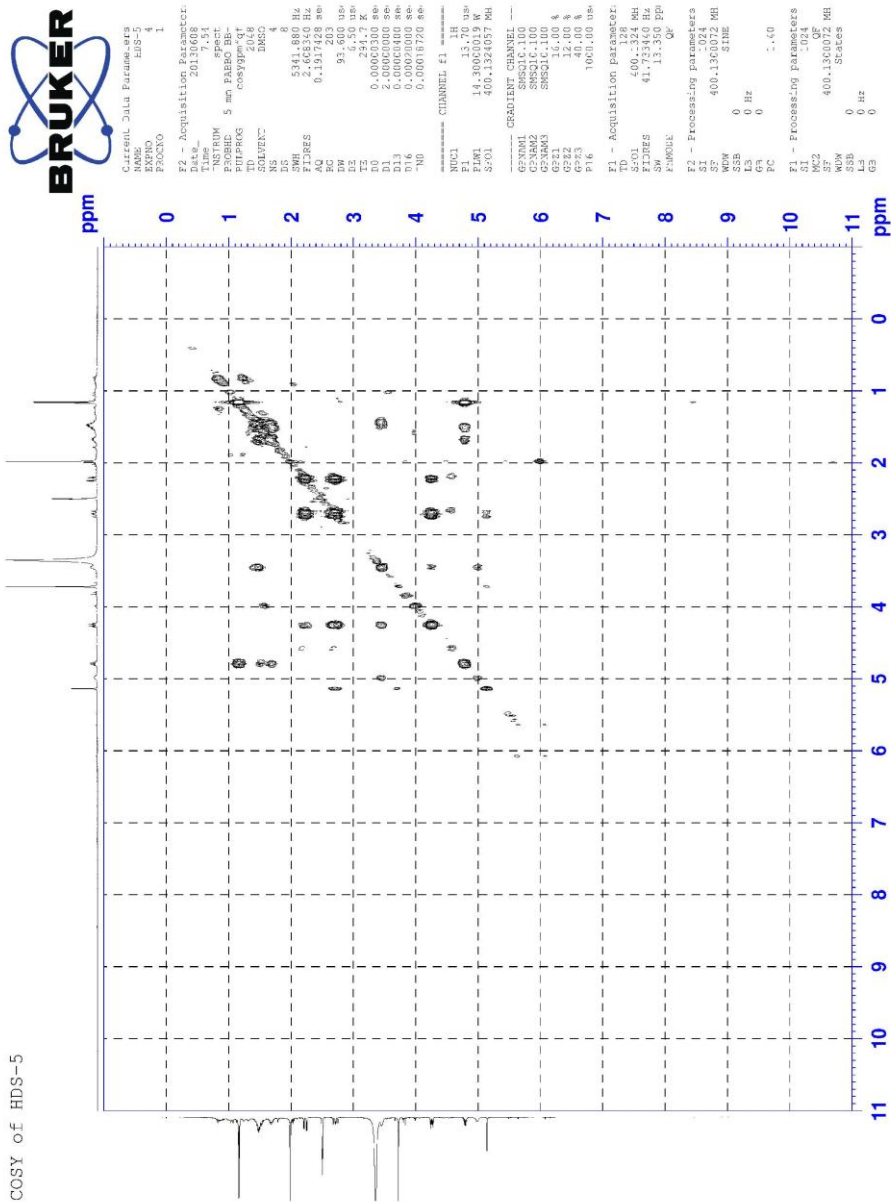
Current Data Parameters
 NAME HDS-5
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20130524
 Time_ 10.40
 INSTRUM spect
 PROBEH 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 se
 RG 101
 DW 60.800 us
 DE 6.50 us
 TE 295.5 K
 D1 1.00000000 se
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 13.70 us
 P1M1 14.30000019 W
 SFO1 400.1324710 MHz
 F2 - Processing parameters
 SI 65536
 SF 400.1300072 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



S3: ¹H-NMR (400 MHz, DMSO) Spectrum of Compound 1



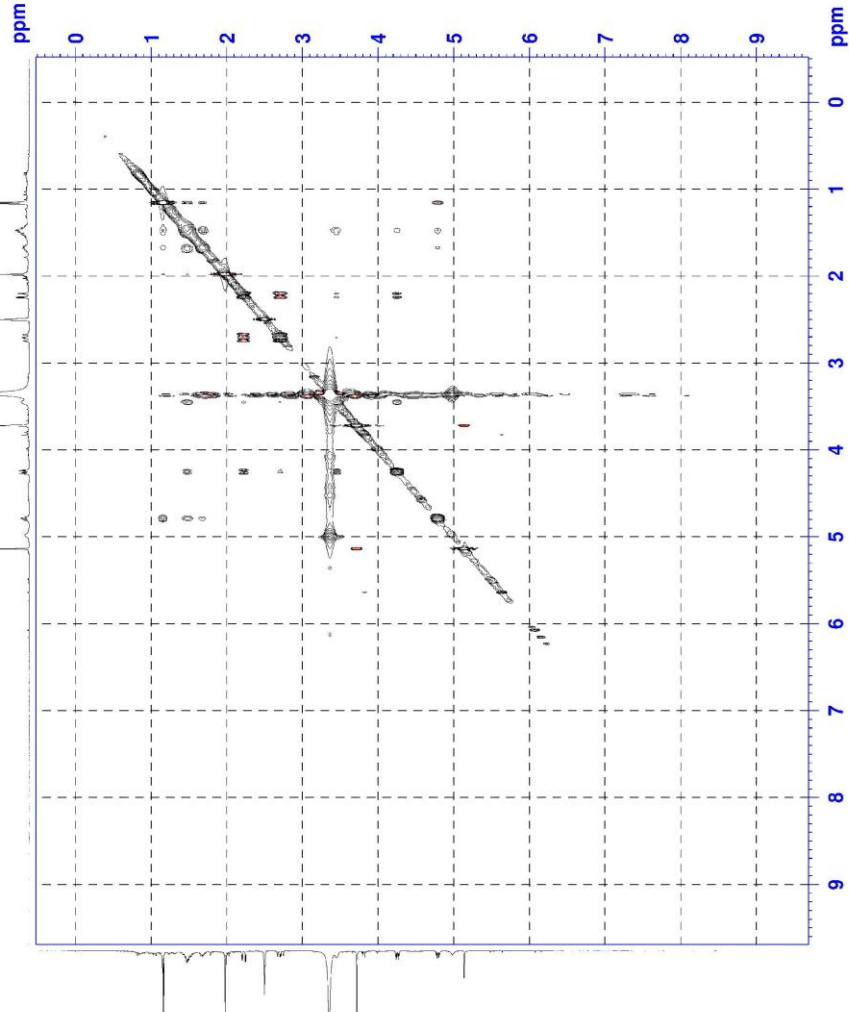
S4: ¹³C-NMR + DEPT (100 MHz, DMSO) Spectrum of Compound **1**



S5: COSY (400 MHz) Spectrum of Compound 1



NOESY of HDS-5



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Current Data Parameters
NAME      HDS-5
EXPNO    1
PROCNO   1

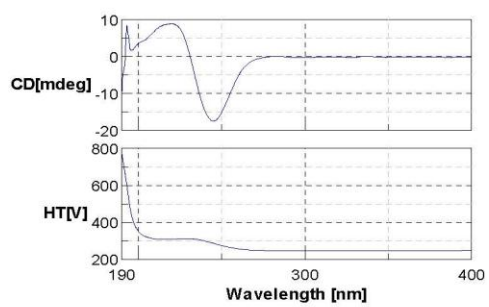
F2 - Acquisition Parameters
Date_    2011.12.27
Time     11.27
INSTRUM  spect
PROBHD   5 mm mmx50
PULPROG  zgpg30
TD       65536
SOLVENT  DMSO
DS       32
SWH      4084.267 Hz
AQ       0.2357232 sec
RG        64
DM       122.400 us
TE       294.2 K
L3       0.0013496 sec
D8       0.0020001 sec
D11      0.0300000 sec
D12      0.0012000 sec
L30      0.0024463 sec

===== CHANNEL f1 =====
NUC1      1H
P1       13.70 us
PL1      2.00 dB
SFO1     400.1419999 MHz
FIDRES   0.3300000 Hz
AQRES    0.2357232 sec
SFO2     400.1419999 MHz
F2RES    0.3300000 Hz
SFO3     400.1419999 MHz
F3RES    0.3300000 Hz
SFO4     400.1419999 MHz
F4RES    0.3300000 Hz
===== GRADIENT CHANNEL =====
GENP1    SFO1 1.0000000 MHz
G1       1.16
G2       1.16
===== CHANNEL f2 =====
P2       13.70 us
PL2      2.00 dB
SFO2     400.1419999 MHz
FIDRES   0.3300000 Hz
AQRES    0.2357232 sec
SFO3     400.1419999 MHz
F3RES    0.3300000 Hz
SFO4     400.1419999 MHz
F4RES    0.3300000 Hz

F1 - Acquisition Parameters
TD       65536
SFO1     400.1418 MHz
FIDRES   15.366903 Hz
SFO2     400.1418 MHz
F2RES    15.366903 Hz
SFO3     400.1418 MHz
F3RES    15.366903 Hz
SFO4     400.1418 MHz
F4RES    15.366903 Hz
===== Processing parameters =====
SI       32768
SF       400.1400000 MHz
WDW      EM
SSB      0
LB       0 Hz
GB       0
PC       1.00

F1 - Processing parameters
SI       65536
SF       400.1400000 MHz
WDW      EM
SSB      0
LB       0 Hz
GB       0
  
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S8: NOESY (400 MHz) Spectrum of Compound 1



S9: CD Spectrum (MeOH) of Compound **1**

