

Supporting Information

SYNTHESIS OF ISOCOUMARIN COMPOUNDS, 8-HYDROXY-6-METHOXY-3-PENTYL-1H-ISOCHROMEN-1-ONE AND FUSARIUMIN ANALOG USING PALLADIUM-CATALYZED CARBONYLATION TRAPPING WITH *O*-ENOLATE

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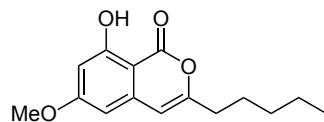
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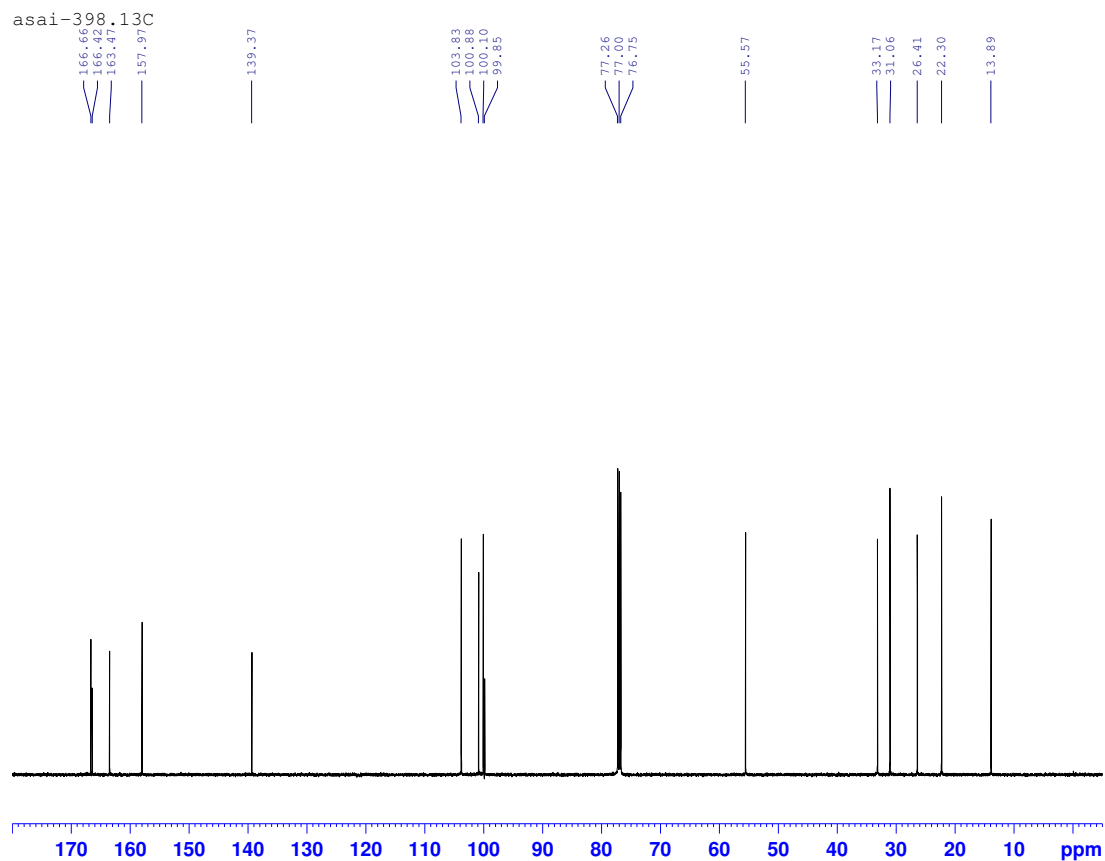
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¹H and ¹³CNMR spectra of **1** and **3** (page 2-5)

¹³C-NMR of 1.

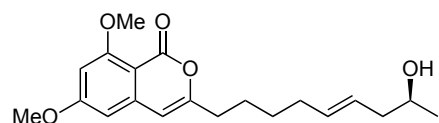


8-hydroxy-6-methoxy 3-pentyl-1*H*-isochromen-1-one (1)



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PROCRES:   1
F2 - Acquisition Parameters
Date_UTC:  20170411
Time:      09:01
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PROBHD:    5 mm Hui-10131
PULPROG:   zgpg30
SOLVENT:   CDCl3
NS:         648
DS:         4
SWH:        30150.442 MHz
FIDRES:     0.44896284 Hz
AQ:         1.121781 Hz
RG:         327.000
SQ:         14.200 CDCl3
RG2:        327.000
AQ2:        0.44896284 Hz
SFO2:       101.625361 MHz
DELTA:     1.00000000 sec
NUC1:       13C
NUC2:       13C
NUC3:       13C
NUC4:       13C
NUC5:       13C
NUC6:       13C
===== CHANNEL f1 =====
NUC1:       13C
P1:         12.00 usec
PAL:        1.00 dB
SFO1:       125.760443 MHz
===== CHANNEL f2 =====
CPDPRG2:   waltz16
NUC1:       13C
NUC2:       13C
P1:         12.00 usec
PAL:        1.00 dB
SFO1:       125.760443 MHz
SFO2:       500.132000 MHz
F2 - Processing parameters
SI:         32768
SF:         125.760443 MHz
WDW:        EM
SSB:        0
LB:         1.00 Hz
GB:         0
PC:         1.40
```


¹³C-NMR of 3.



6,8-dimethylfusariumin (3)

