

Supplemental data

Two New Metabolites from the Endophytic Fungus *Alternaria* sp. A744 Derived from *Morinda officinalis*

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Fig. S1. ^1H NMR spectrum of isobenzofuranone (**1**) in CD_3OD .

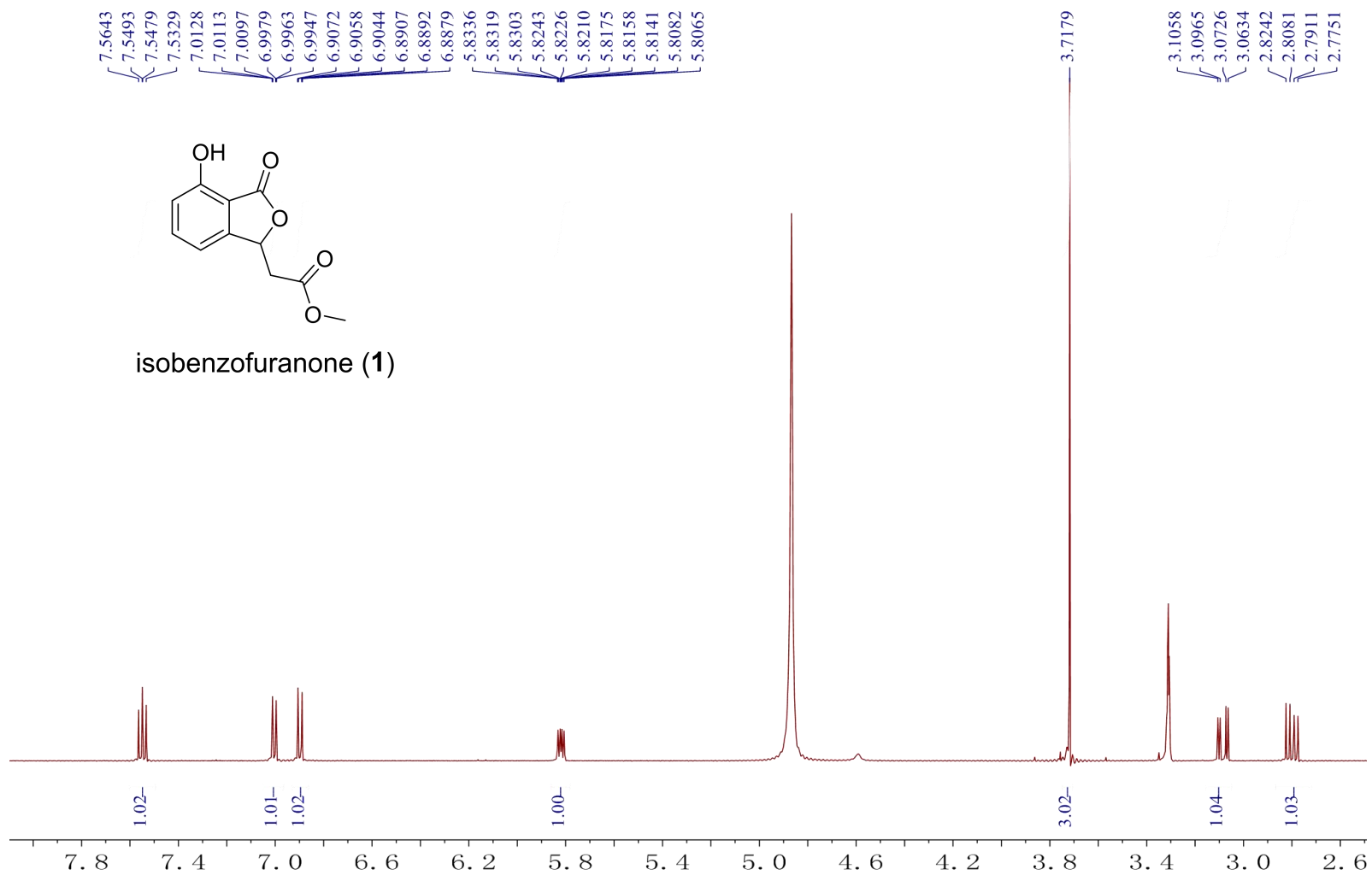


Fig. S2. ^{13}C NMR spectrum of isobenzofuranone (**1**) in CD_3OD .

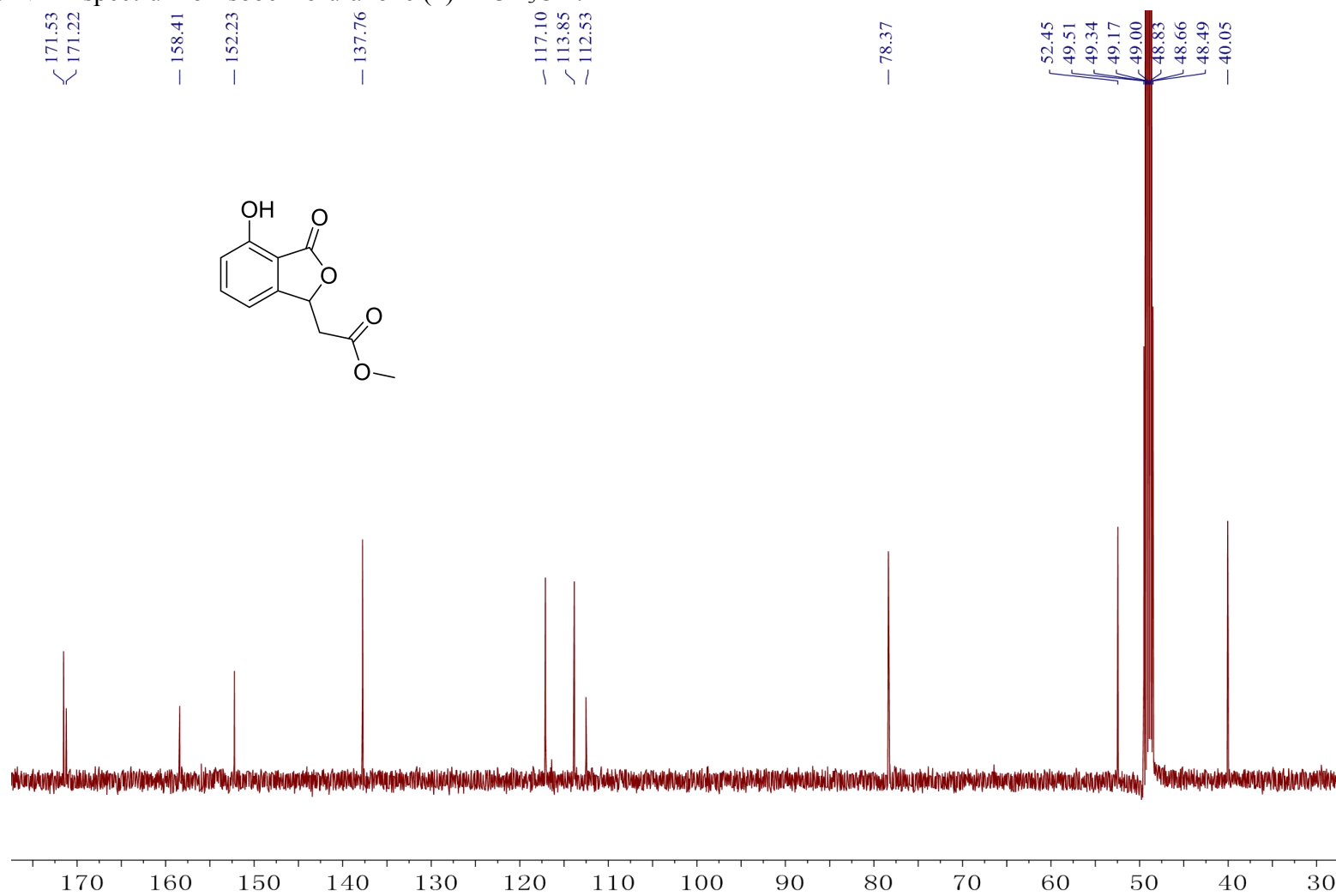


Fig. S3. COSY spectrum of isobenzofuranone (**1**) in CD₃OD.

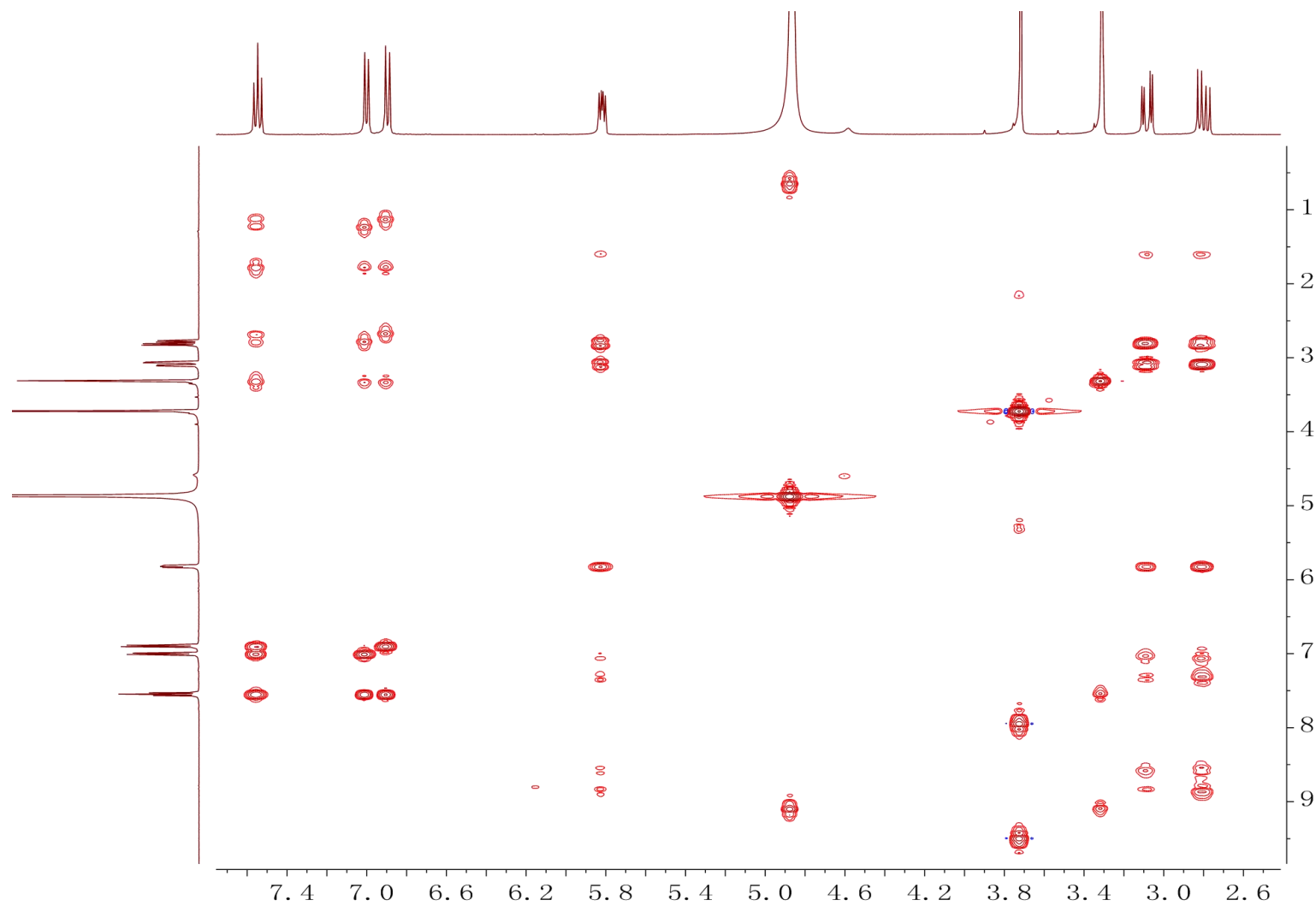


Fig. S4. HMQC spectrum of isobenzofuranone (**1**) in CD₃OD.

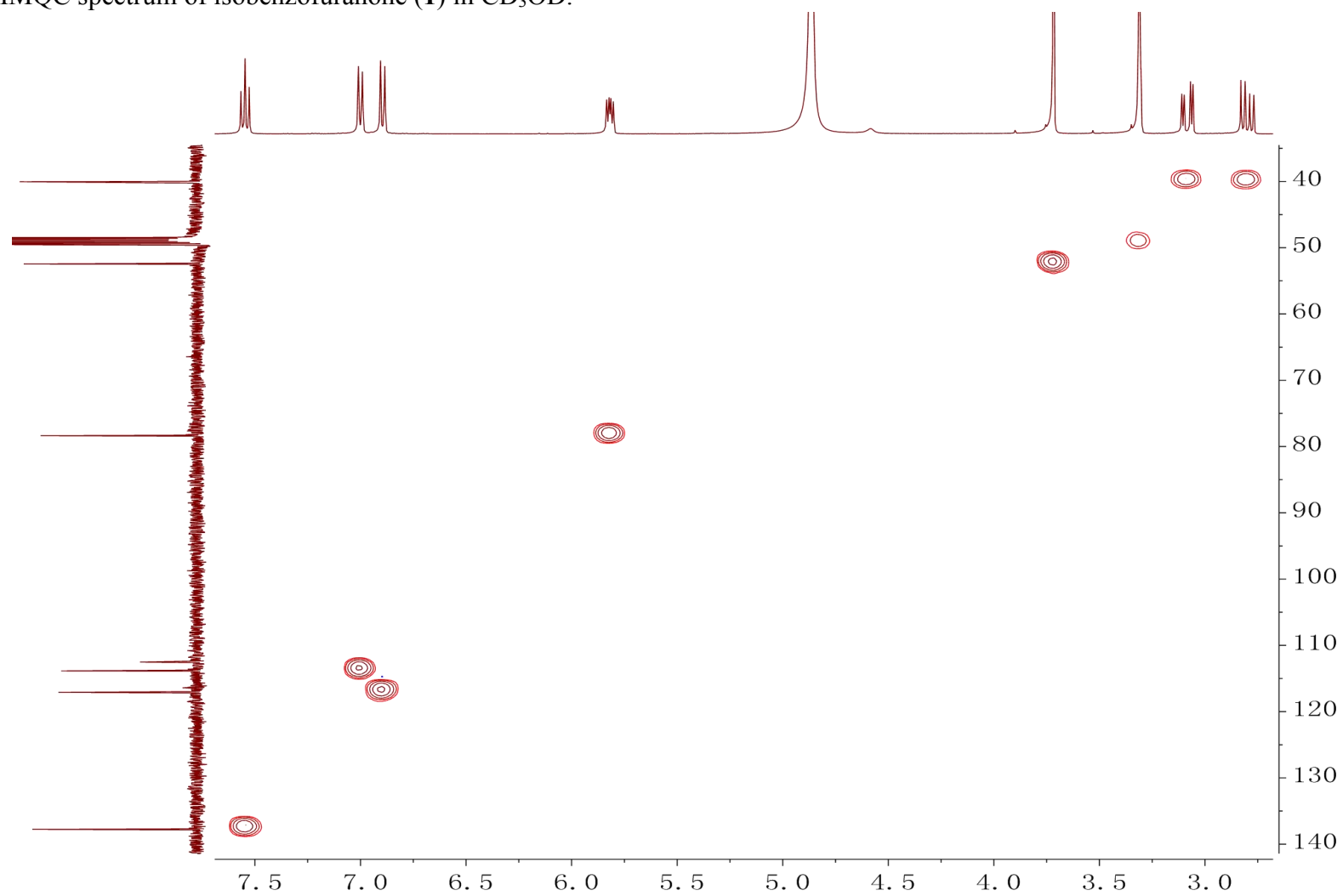


Fig. S5. HMBC spectrum of isobenzofuranone (**1**) in CD₃OD.

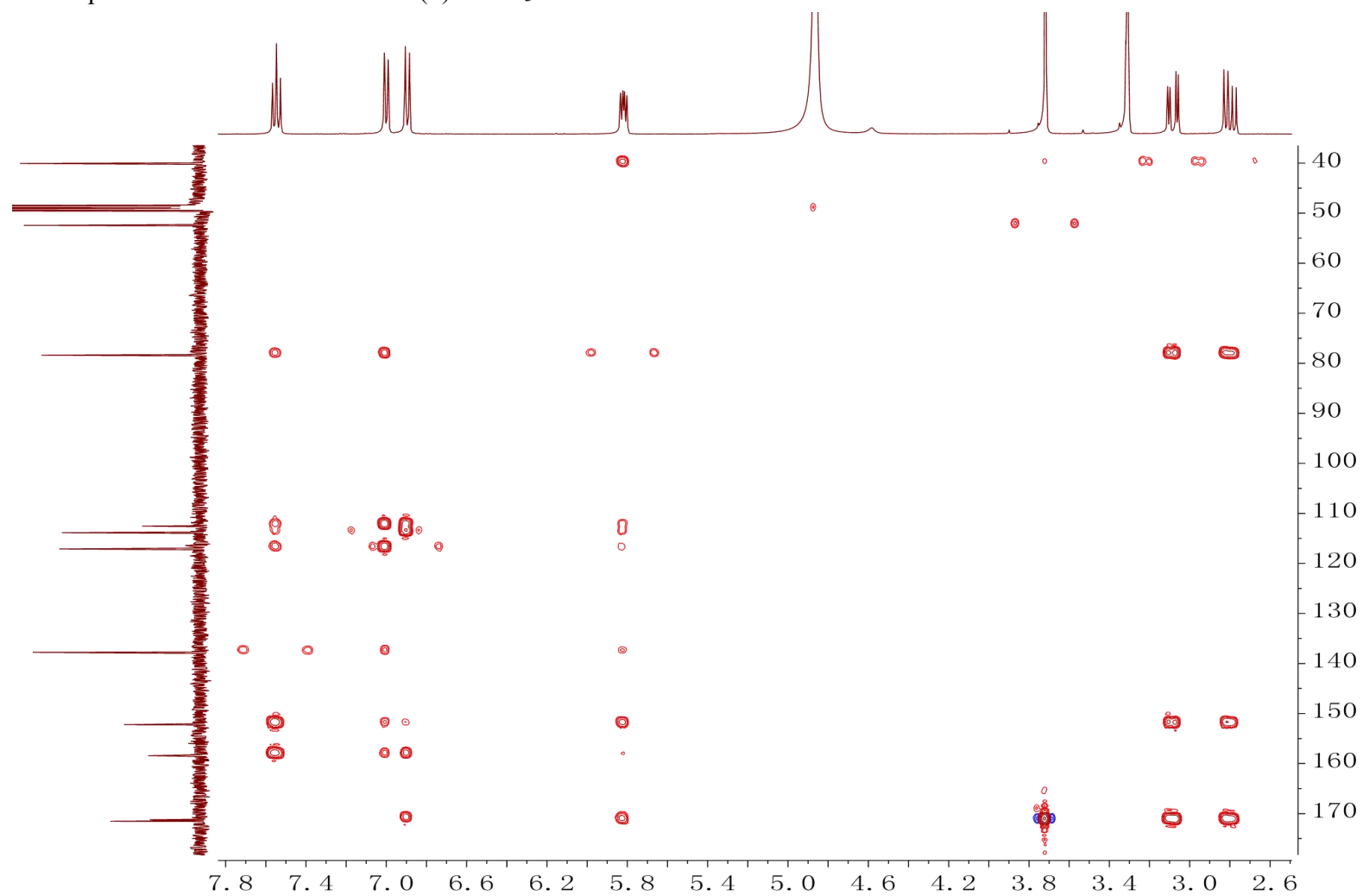


Fig. S6. ESIMS spectrum of isobenzofuranone (**1**) in CD₃OD.

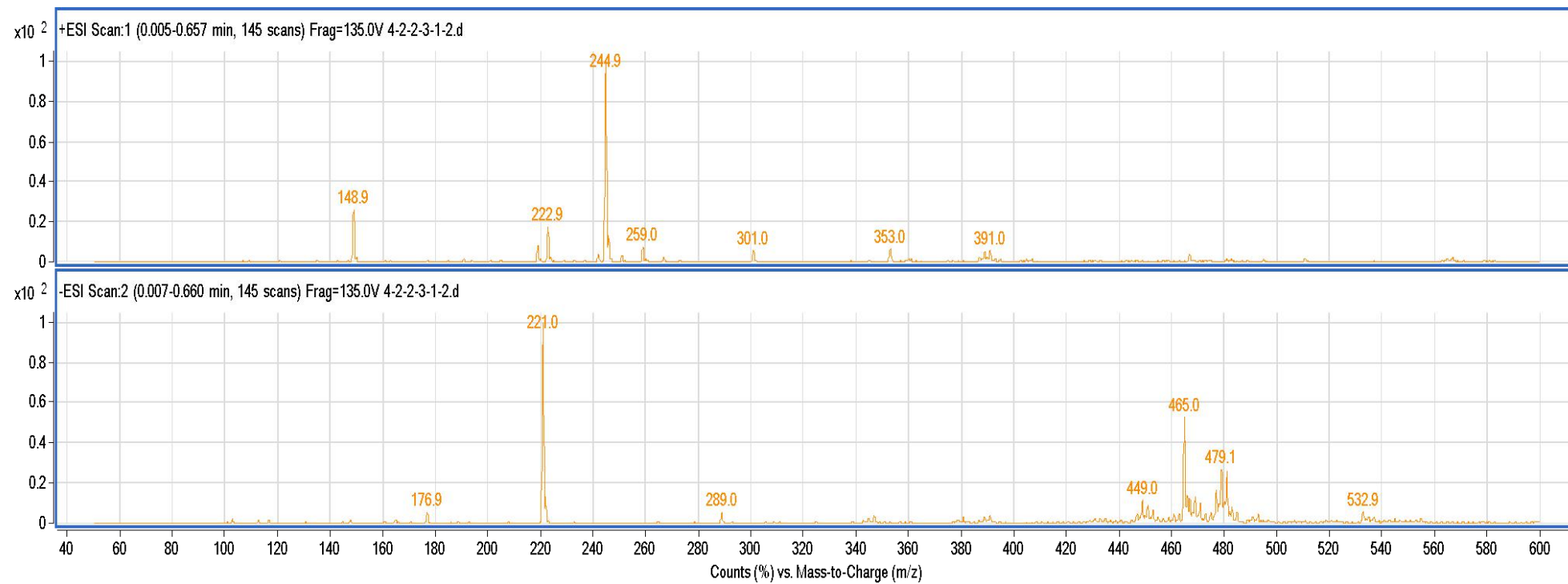


Fig. S7. HRESIMS spectrum of isobenzofuranone (**1**) in CD₃OD.

ms-

A744-4-2-2-3-1-2 9 (0.123) AM (Cen,6, 80.00, Ar,5000.0,554.26,0.70,LS 10); Sm (Mn, 2x1.00); Sb (1,40.00); Cm (7:12-1:3)

1: TOF MS ES-
1.01e4

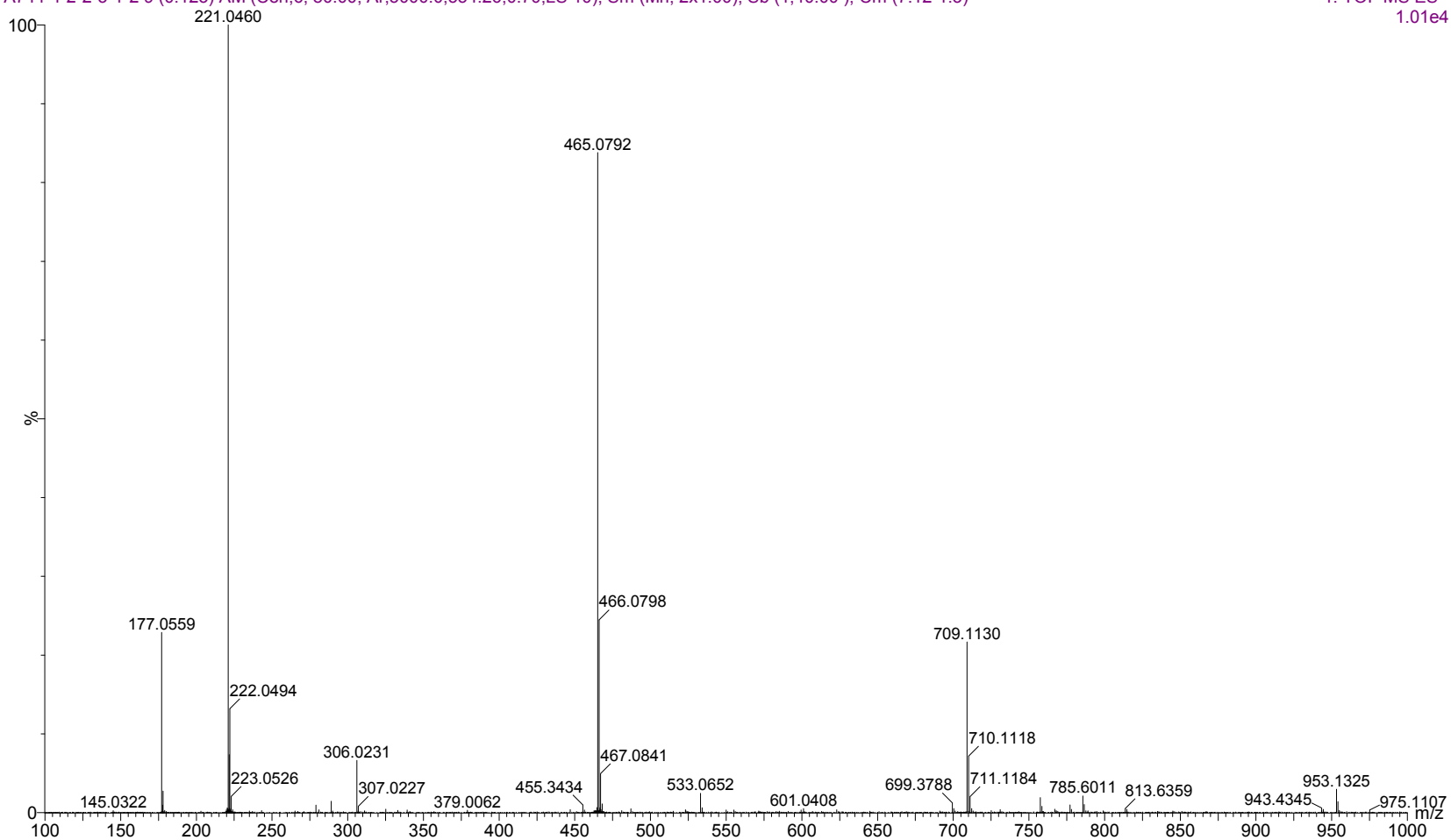
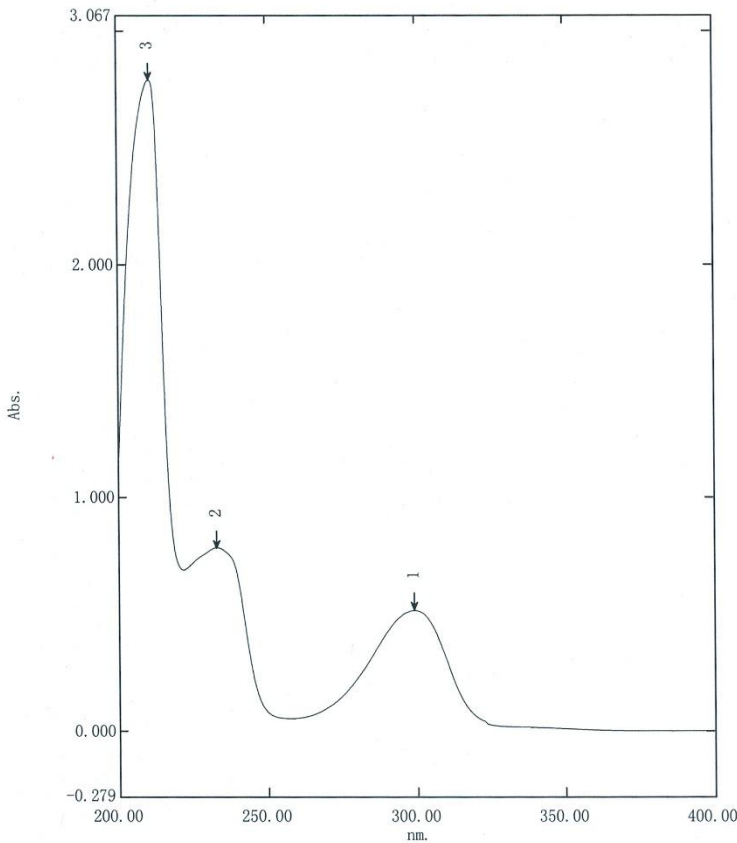


Fig. S8. UV spectrum of isobenzofuranone (**1**) in CD₃OD.

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2016-10-21 12:12:41

数据集: A744-4-2-2-3-1-2 - RawData



[测定属性]
波长范围 (nm.): 200.00 到 400.00
扫描速度: 中速
采样间隔: 0.2
自动采样间隔: 启用
扫描模式: 单个

[仪器属性]
仪器类型: UV-2600 系列
测定方式: 吸收值
狭缝宽: 2.0
积分时间: 0.1 秒
光源转换波长: 323.0 nm
检测器单元: 直接
S/R 转换: 标准
阶梯校正: OFF

[附件属性]
附件: 无

[数据处理参数]
阈值: 0.0100000
点: 4
内插: 停用
平均: 停用

[样品准备属性]
重量:
体积:
稀释:
光程长:
附加信息:

No.	P/V	波长 (nm)	吸收值	描述
1	①	299.20	0.516	
2	①	233.20	0.786	
3	①	211.00	2.788	

Fig. S9. IR spectrum of isobenzofuranone (**1**) in CD₃OD.

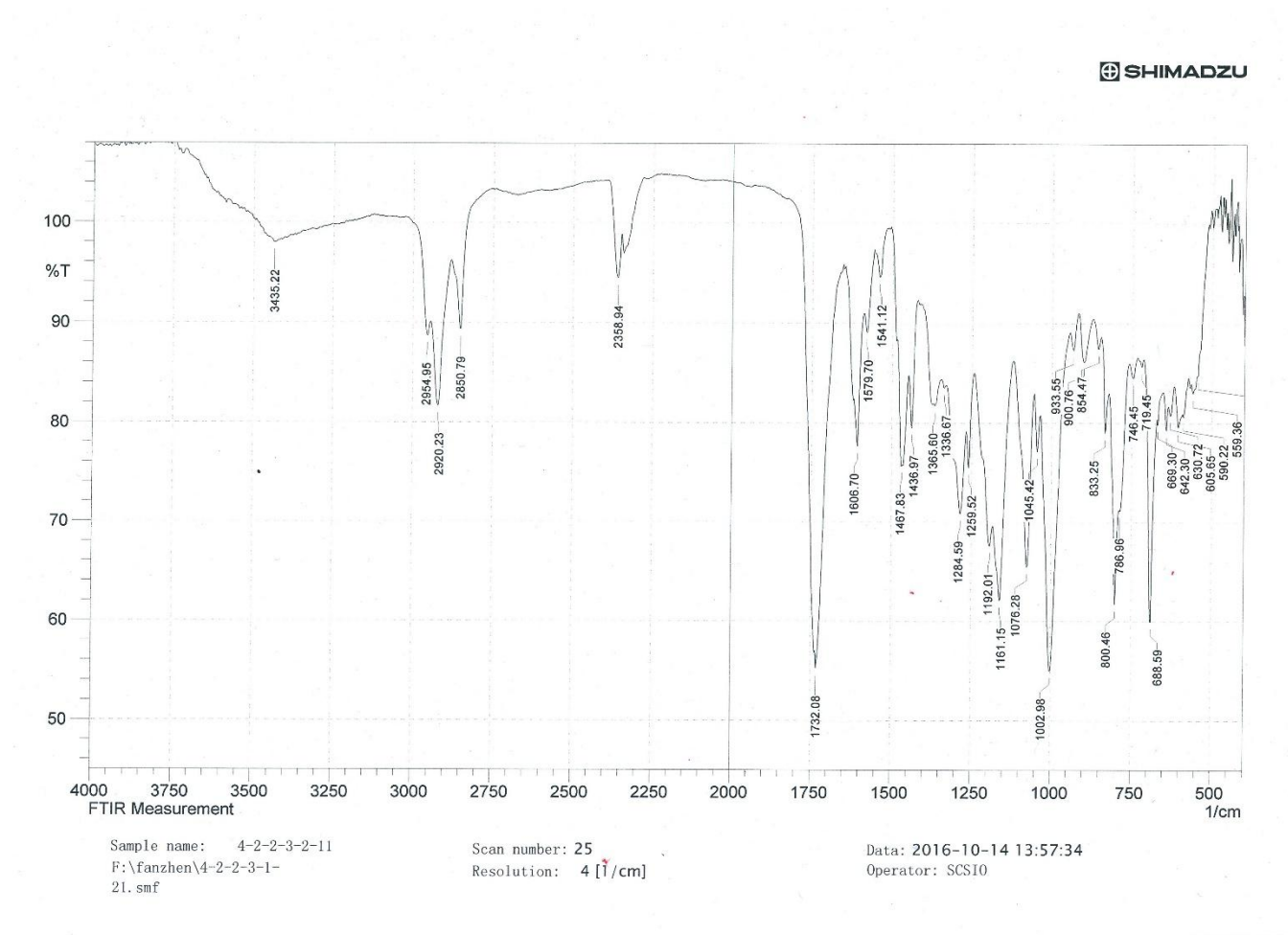


Fig. S10. ^1H NMR spectrum of indandione (**2**) in CD_3OD .

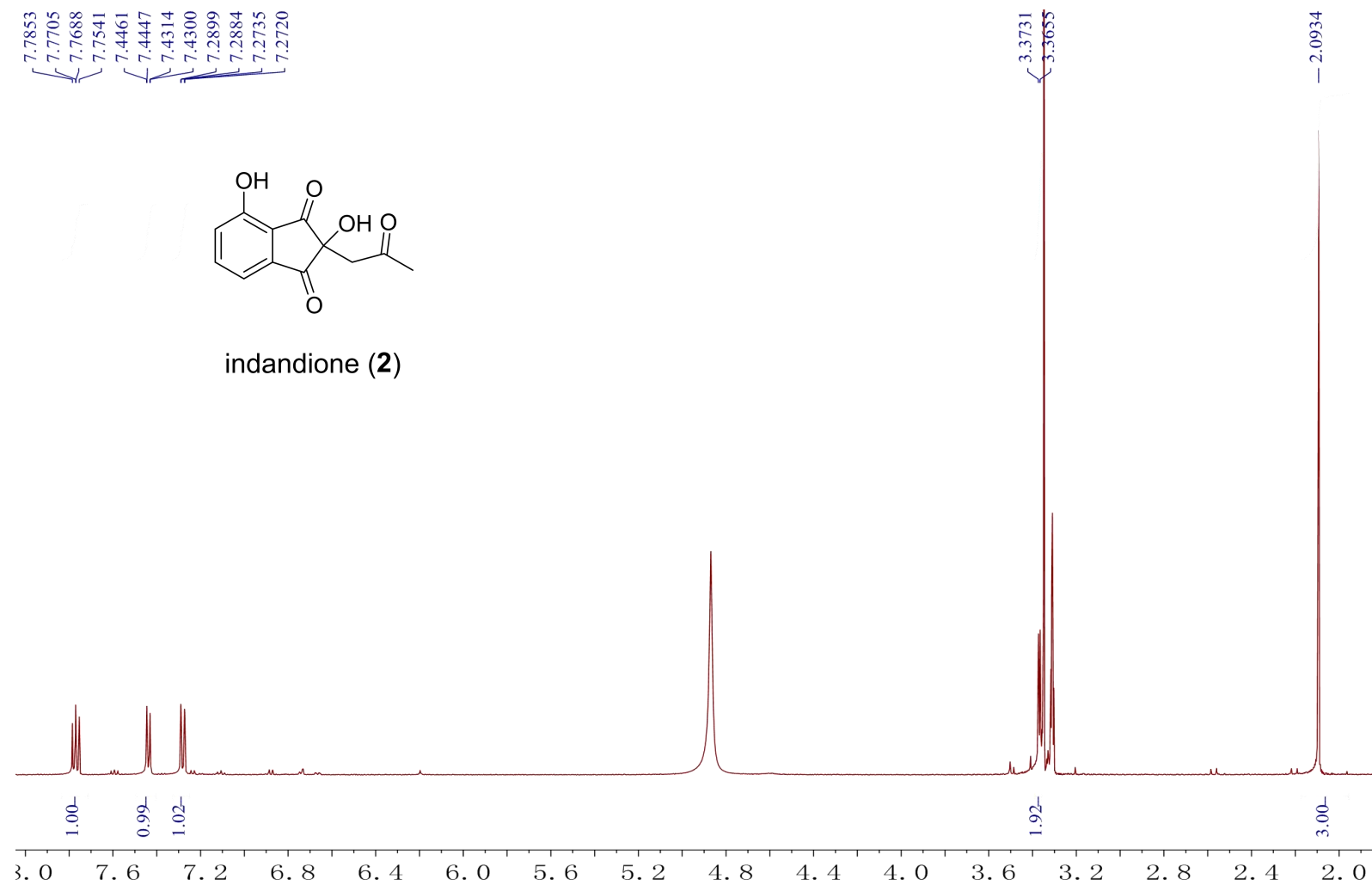


Fig. S11. ^{13}C NMR spectrum of indandione (**2**) in CD_3OD .

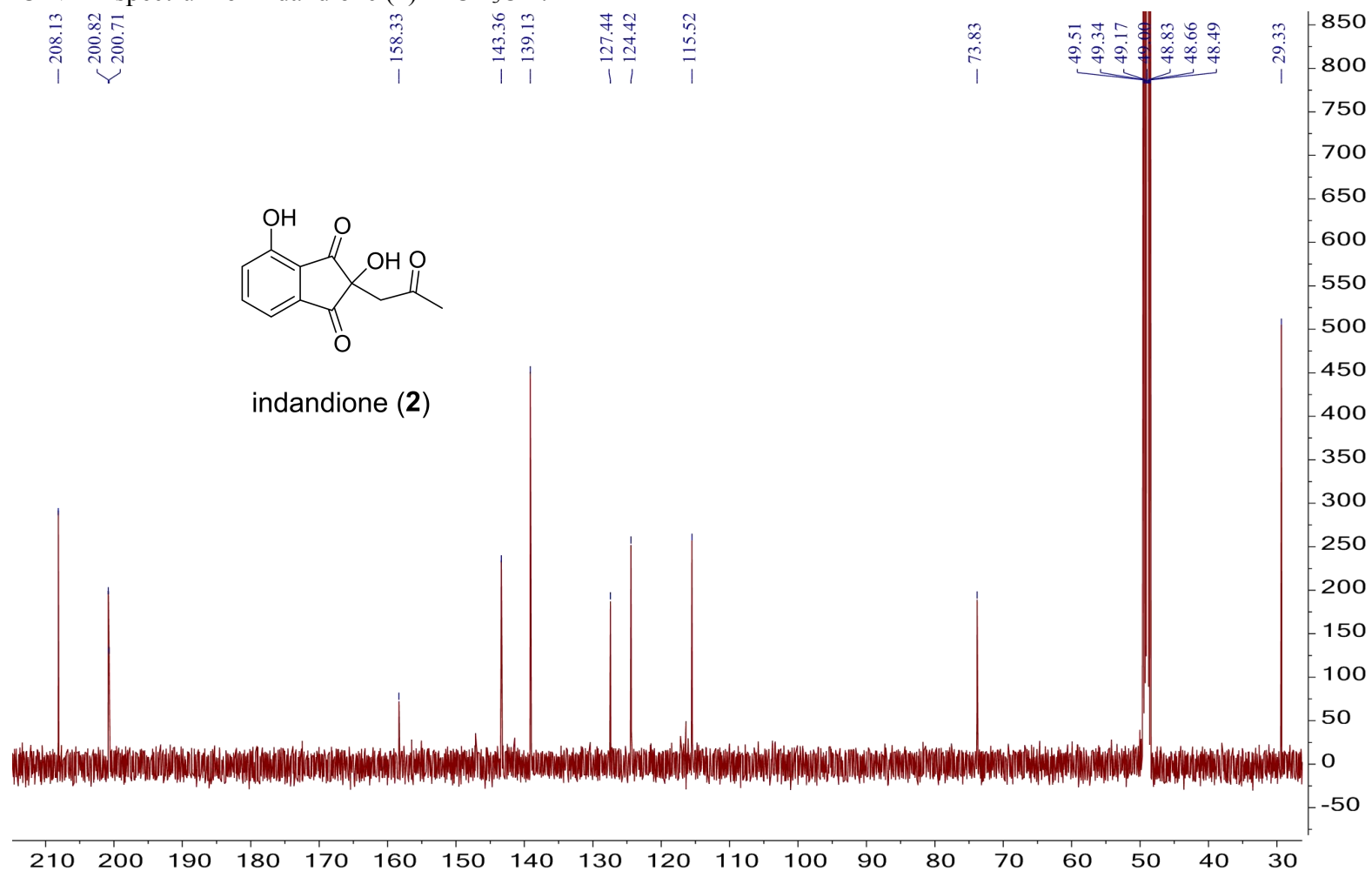


Fig. S12. HMQC spectrum of indandione (**2**) in CD₃OD.

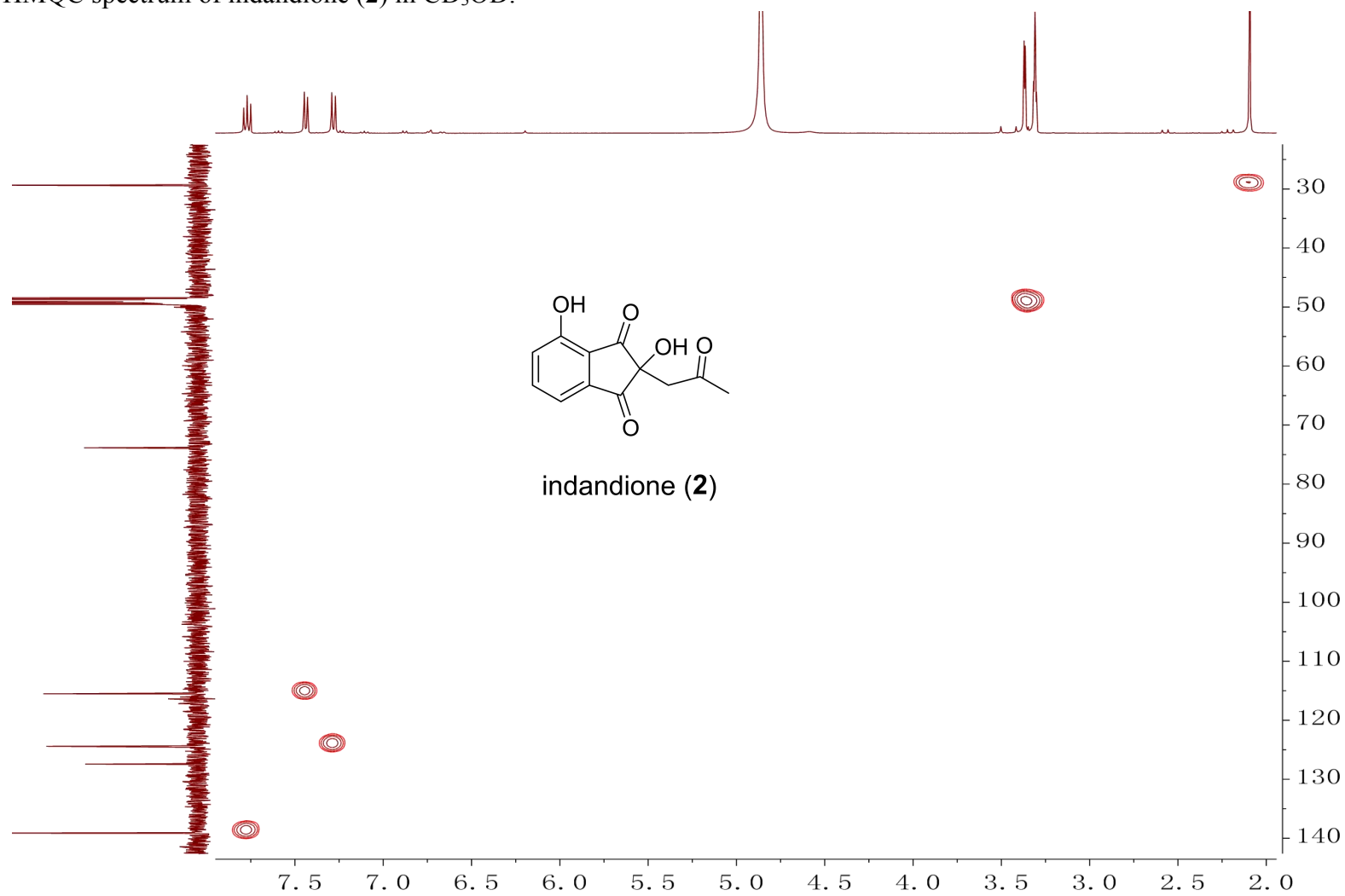


Fig. S13. HMBC spectrum of indandione (**2**) in CD₃OD.

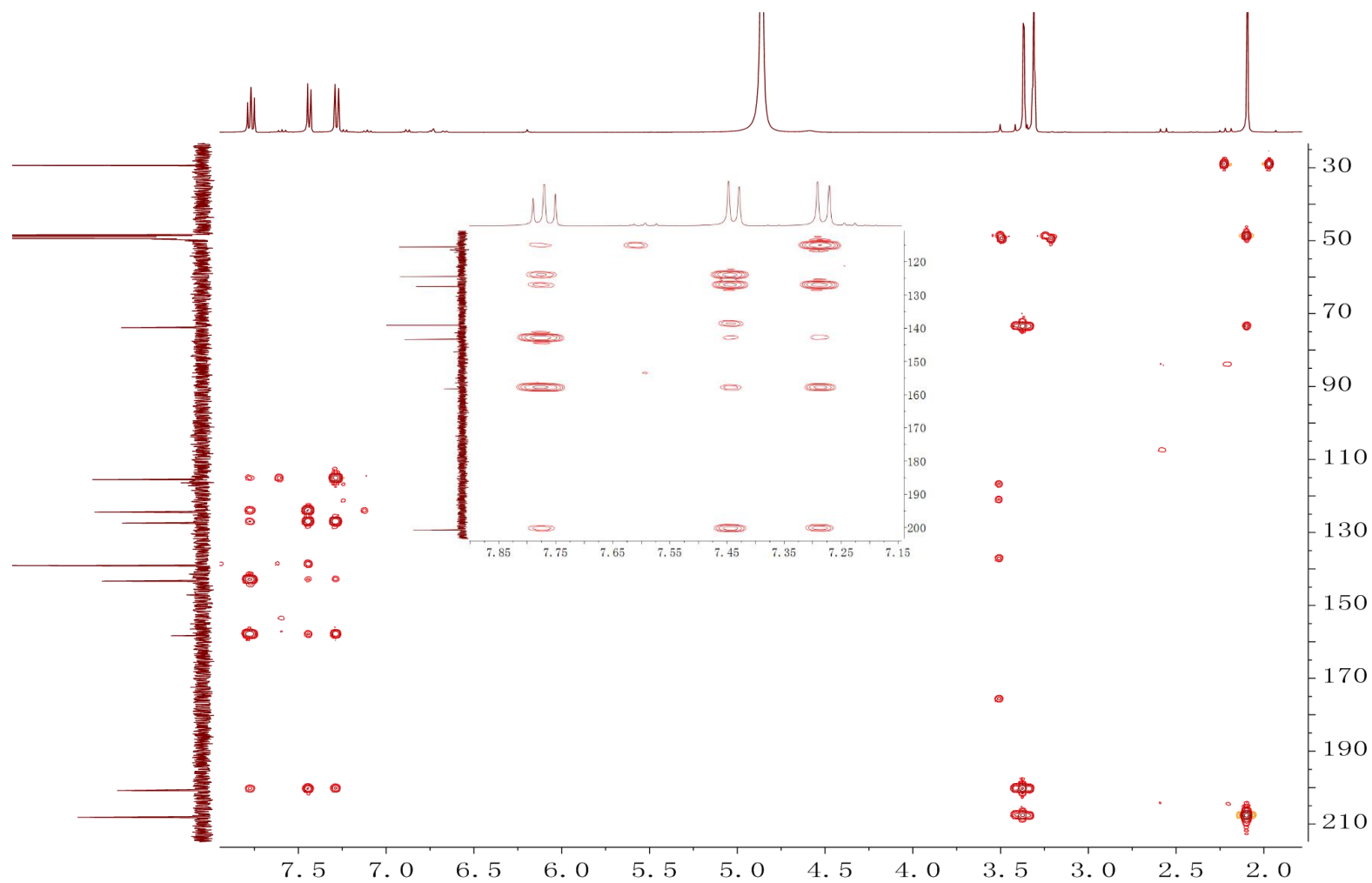


Fig. S14. ESIMS spectrum of indandione (**2**) in CD₃OD.

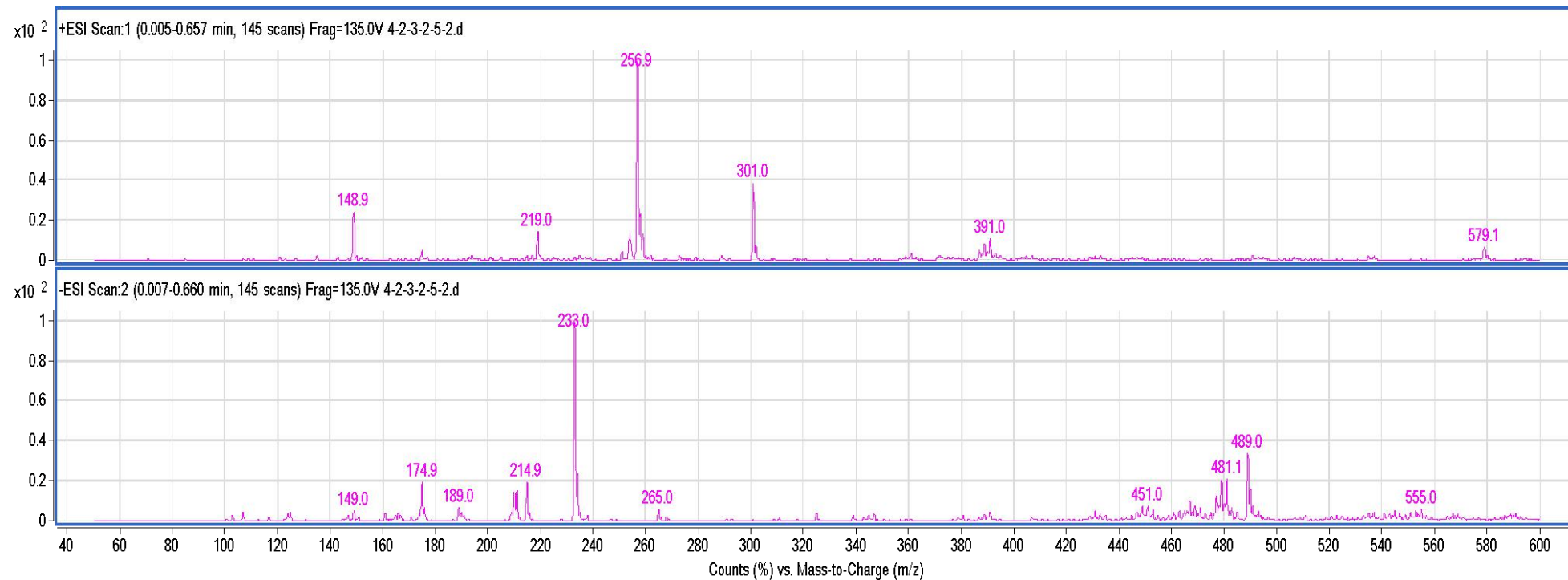


Fig. S15. HRESIMS spectrum of indandione (**2**) in CD₃OD.

ms-

A744-4-2-3-2-5-2 9 (0.123) AM (Cen,6, 80.00, Ar,5000.0,554.26,0.70,LS 10); Sm (Mn, 2x1.00); Sb (1,40.00); Cm (6:13-1:3)

1: TOF MS ES-
3.85e3

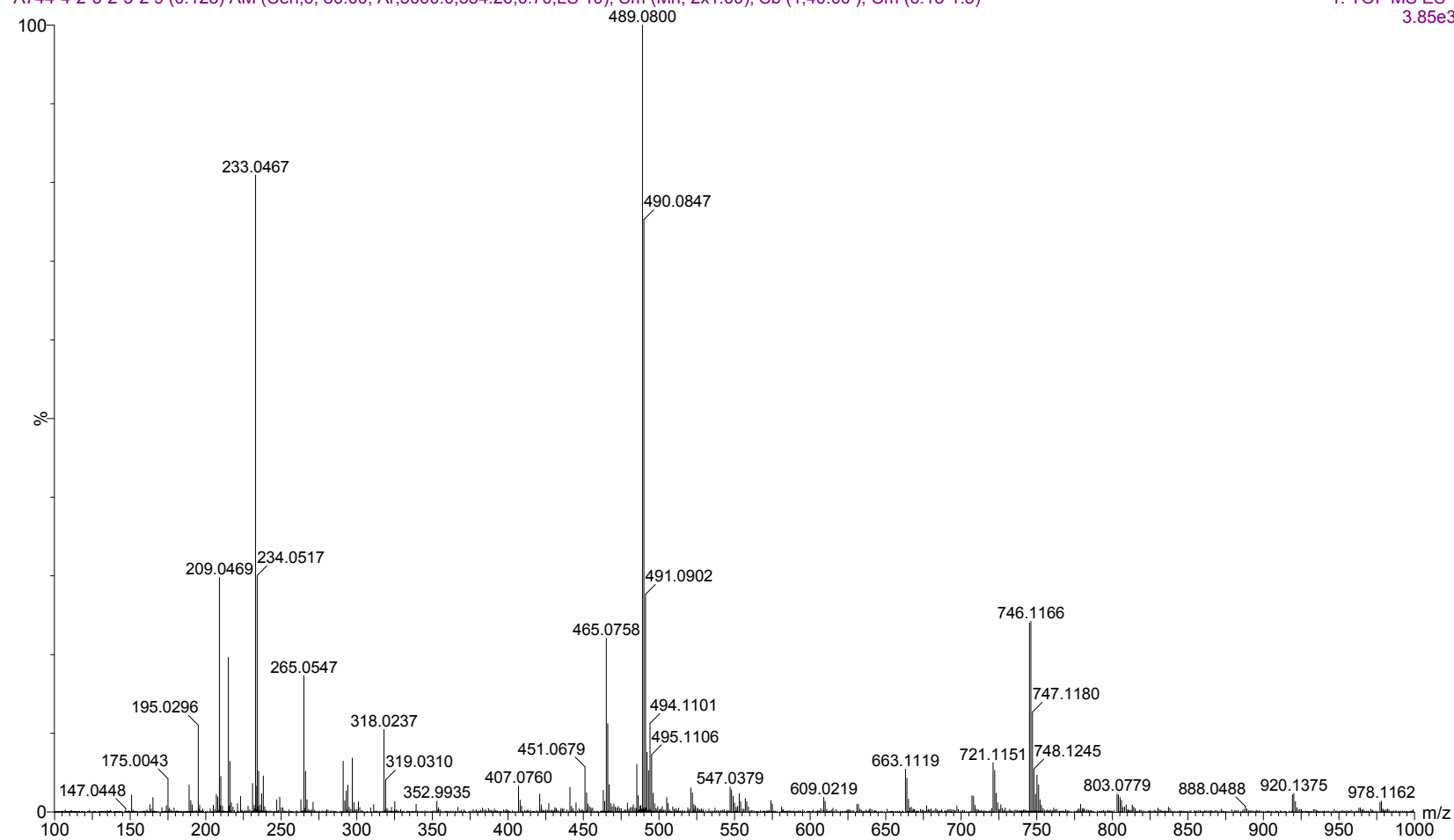
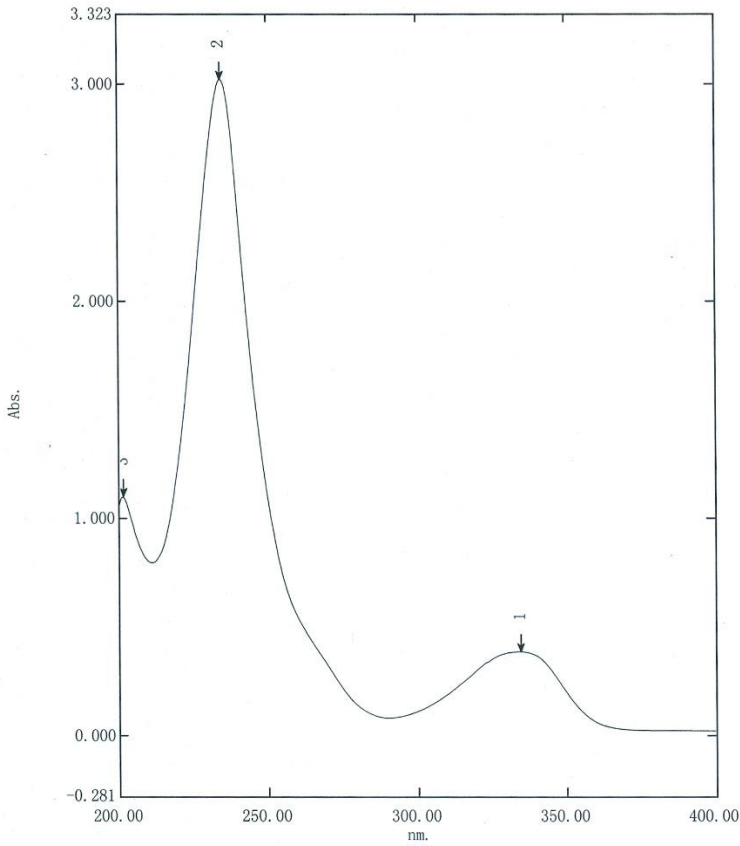


Fig. S16. UV spectrum of indandione (**2**) in CD₃OD.

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2016-10-21 12:13:03

数据集: A744-4-2-3-2-5-2 01 - RawData



[测定属性]
波长范围 (nm.): 200.00 到 400.00
扫描速度: 中速
采样间隔: 0.2
自动采样间隔: 启用
扫描模式: 单个

[仪器属性]
仪器类型: UV-2600 系列
测定方式: 吸收值
狭缝宽: 2.0
积分时间: 0.1 秒
光源转换波长: 323.0 nm
检测器单元: 直接
S/R 转换: 标准
阶梯校正: OFF

[附件属性]
附件: 无

[数据处理参数]
阈值: 0.0100000
点: 4
内插: 停用
平均: 停用

[样品准备属性]
重量:
体积:
稀释:
光程长:
附加信息:

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1	①	334.40	0.384	
2	①	234.60	3.023	
3	①	201.40	1.097	

Fig. S17. IR spectrum of indandione (**2**) in CD₃OD.

