

## Supplementary Material

### Comparative reactivity of 5,7-dimethoxyindoles with aldehydes and ketones

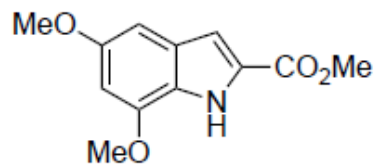
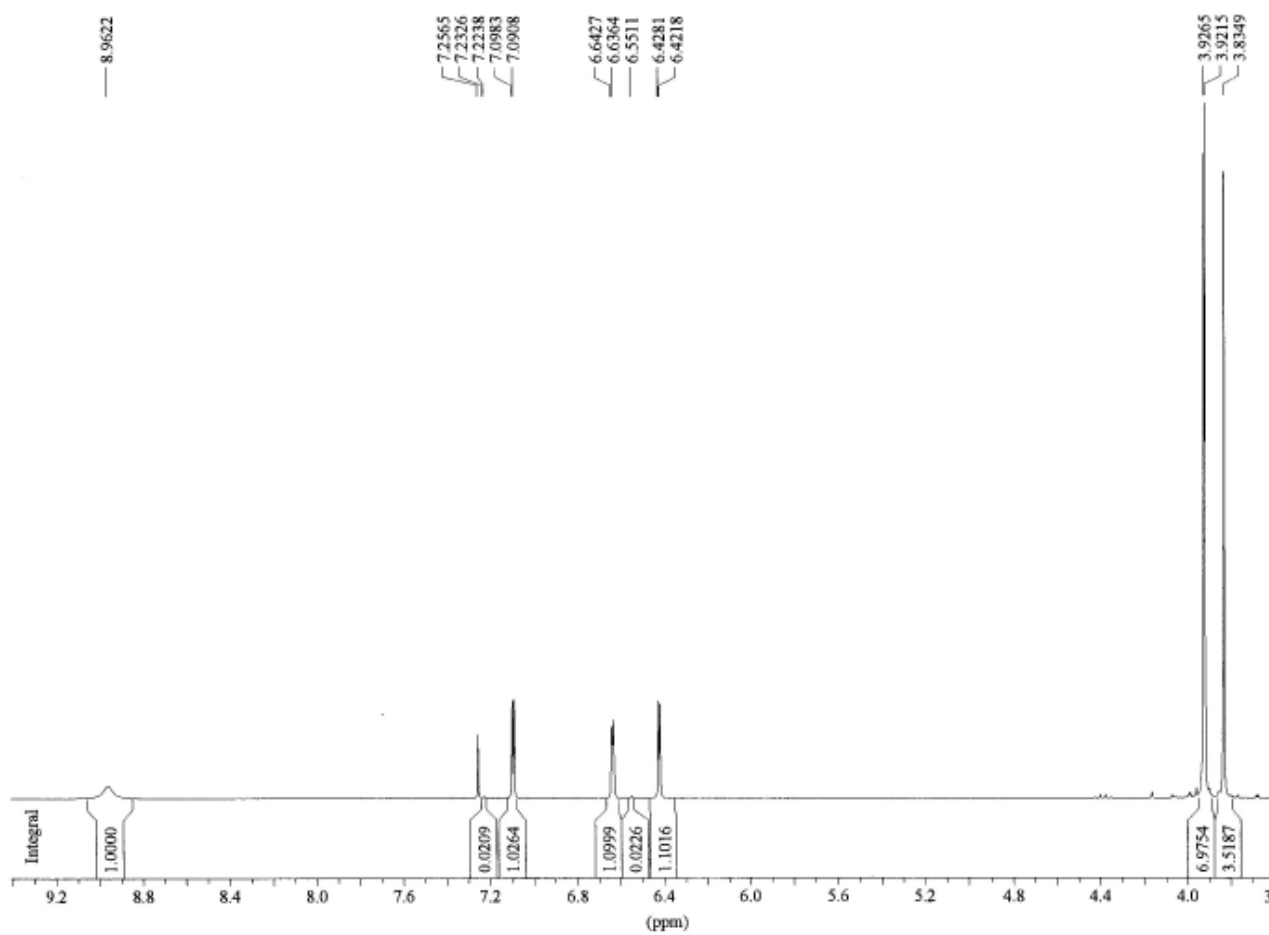
Glenn C. Condie, Michelle F. Channon, Donald C. Craig, Mohan Bhadbhade,  
Naresh Kumar, and David StC. Black\*

*School of Chemistry, UNSW Sydney, Sydney, NSW 2052, Australia*

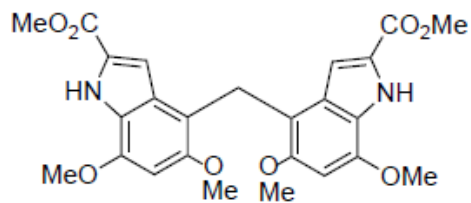
Email: [d.black@unsw.edu.au](mailto:d.black@unsw.edu.au)

#### Table of Contents

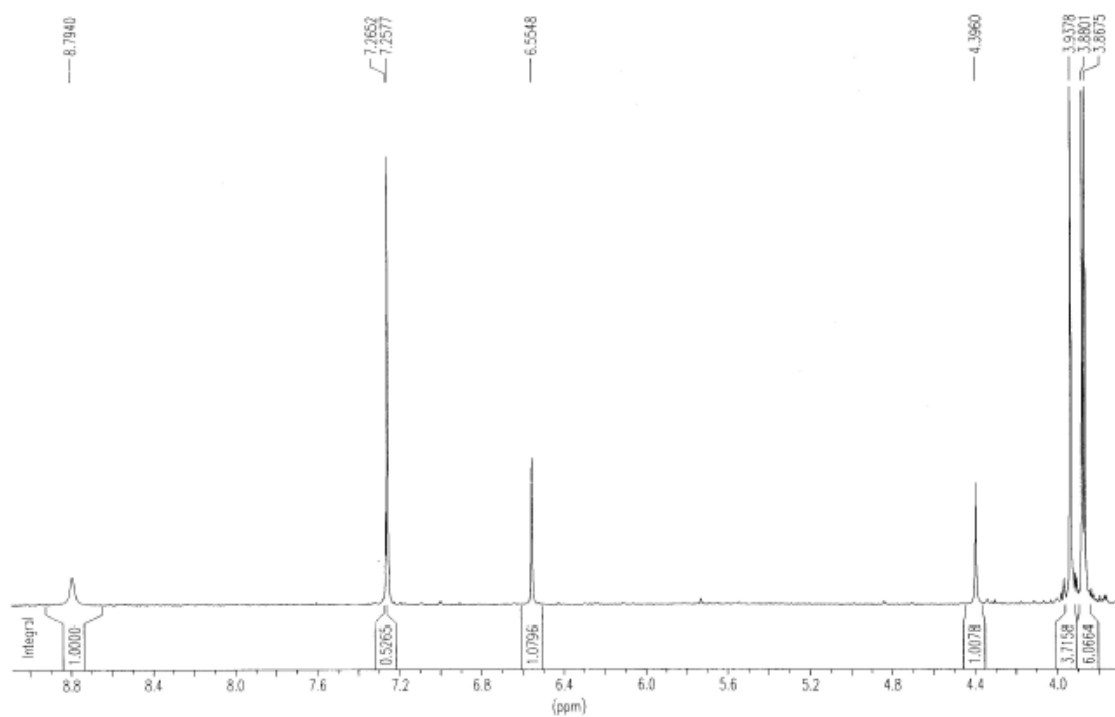
<sup>1</sup> H NMR spectrum of compound <b>5</b> .....	S2
<sup>1</sup> H NMR spectrum of compound <b>15</b> .....	S3
<sup>1</sup> H NMR spectrum of compound <b>19</b> .....	S4
<sup>1</sup> H NMR spectrum of compound <b>37</b> .....	S5
<sup>1</sup> H NMR spectrum of compound <b>43</b> .....	S6
<sup>2</sup> D NMR spectrum of compound <b>43</b> .....	S7
<sup>1</sup> H NMR spectrum of compound <b>44</b> .....	S8
<sup>1</sup> H NMR spectrum of compound <b>49</b> .....	S9
<sup>2</sup> D NMR spectrum of compound <b>49</b> .....	S10
<sup>1</sup> H NMR spectrum of compound <b>53</b> .....	S11

$^1\text{H}$  NMR spectrum of compound **5** ( $\text{CDCl}_3$ )**5**

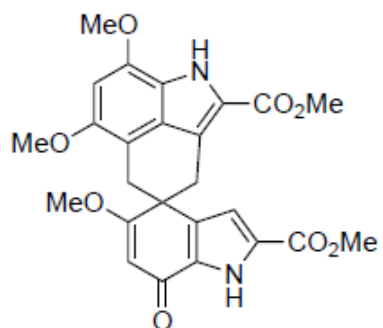
$^1\text{H}$  NMR spectrum of compound **15** ( $\text{CDCl}_3$ )



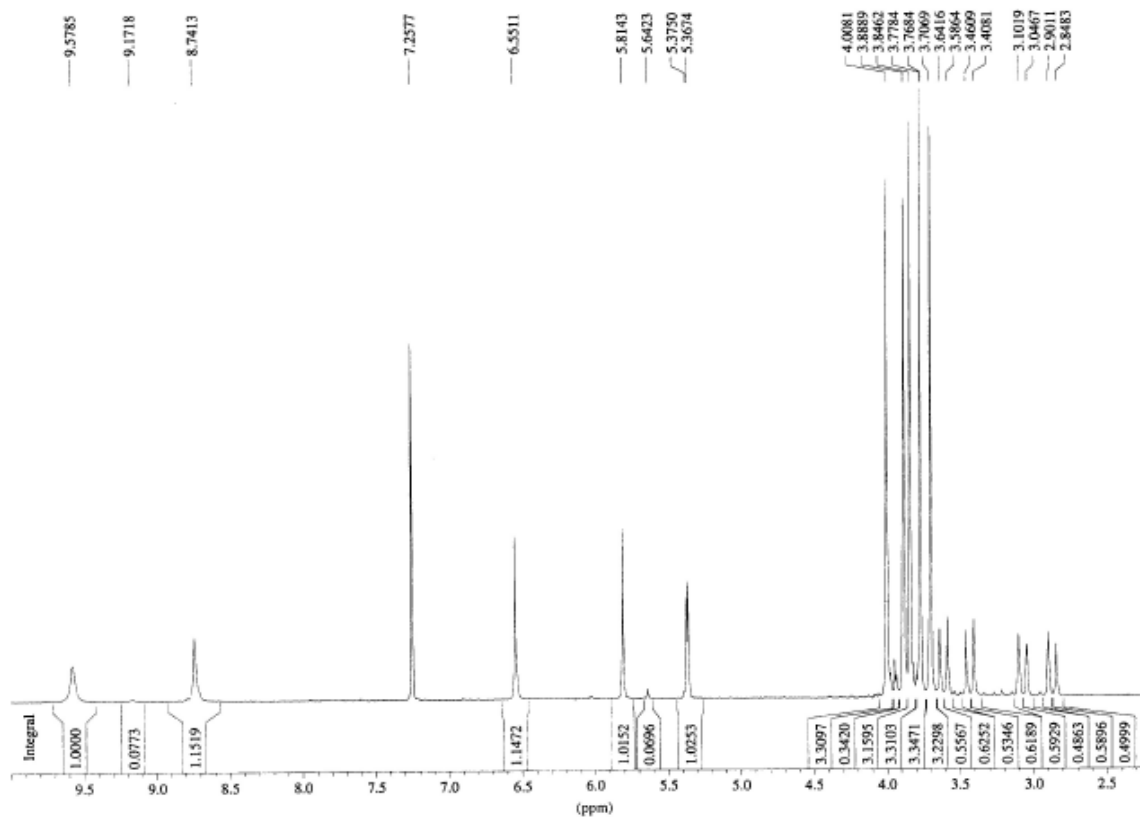
**15**

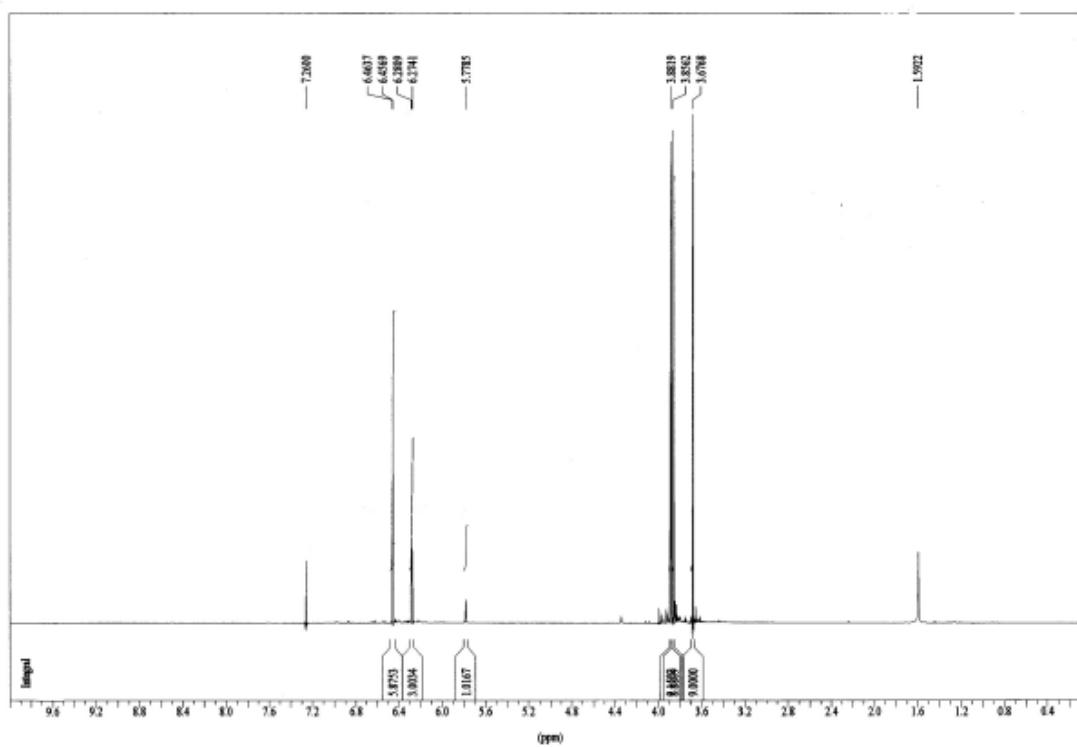
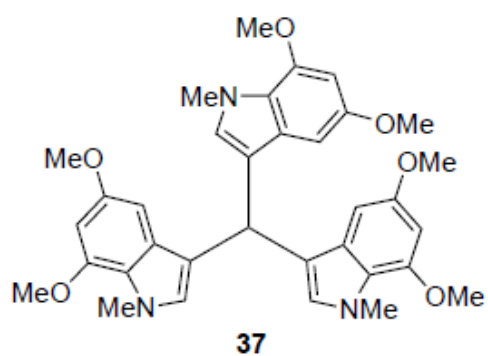


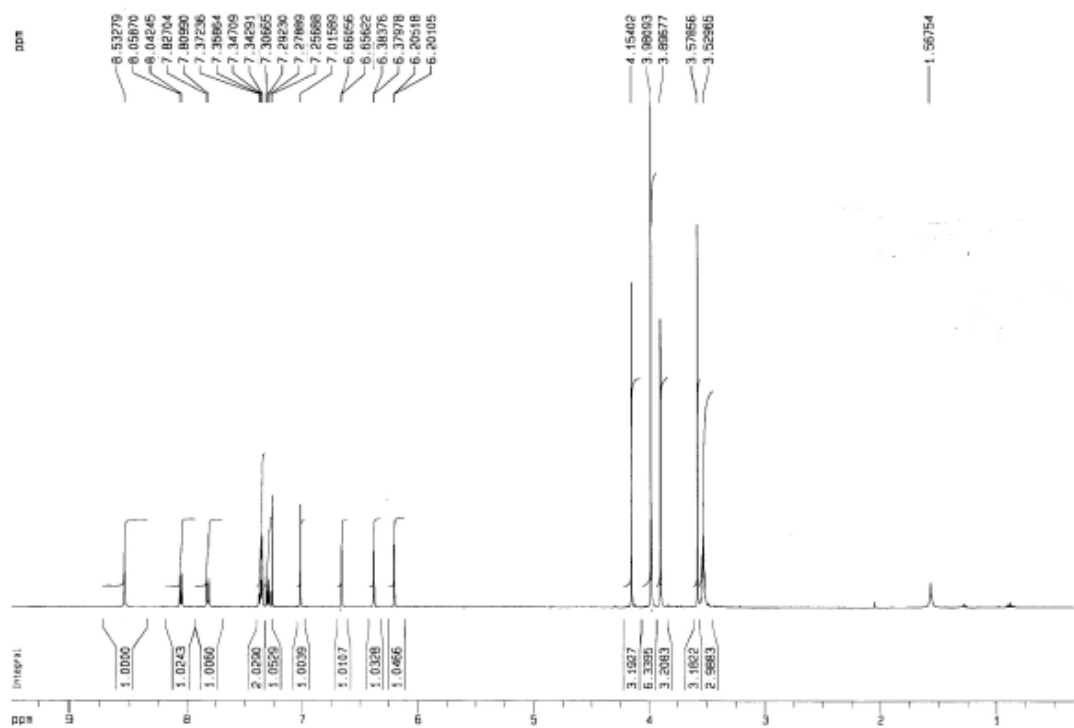
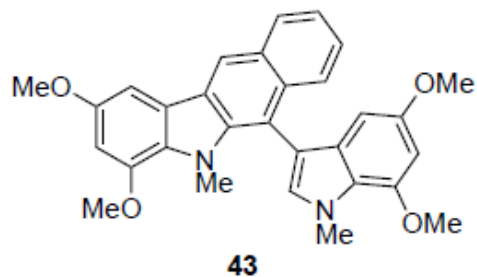
$^1\text{H}$  NMR spectrum of compound **19** ( $\text{CDCl}_3$ )

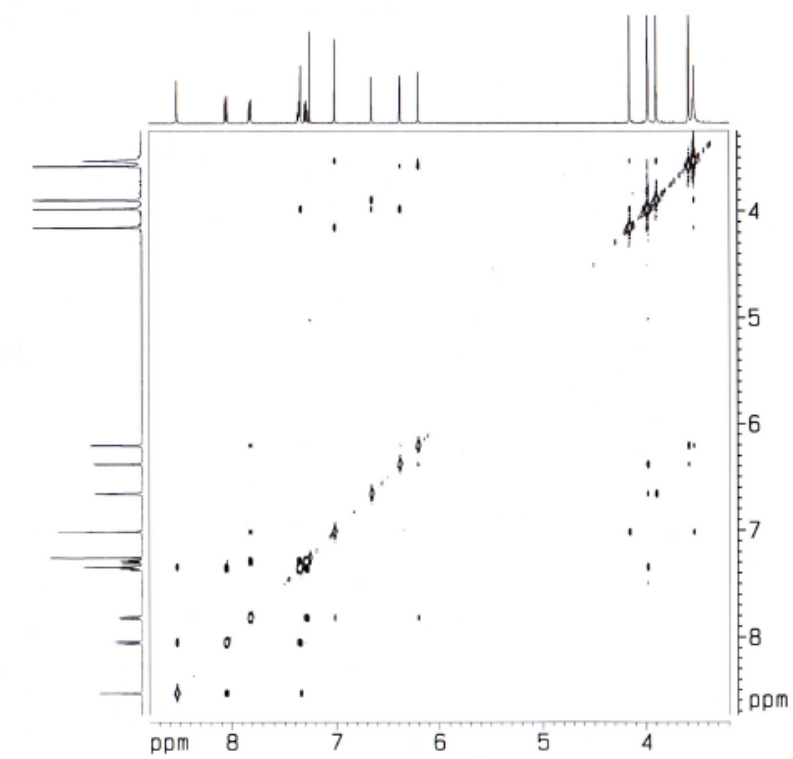
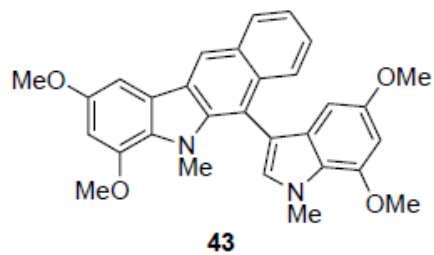


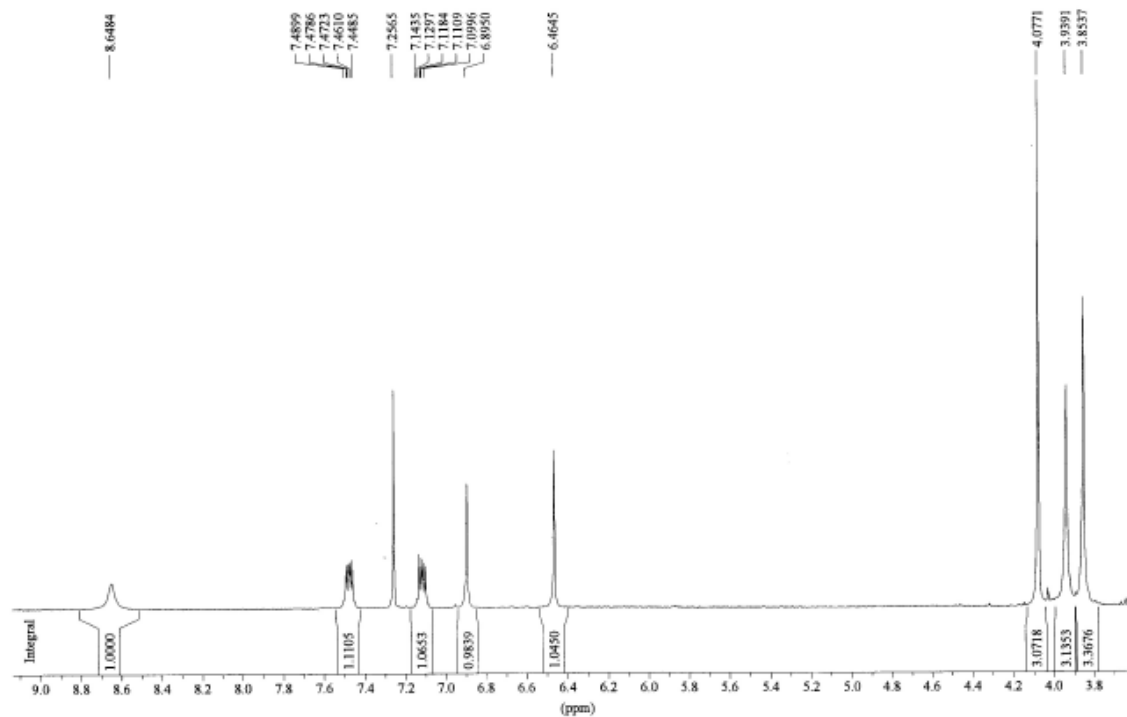
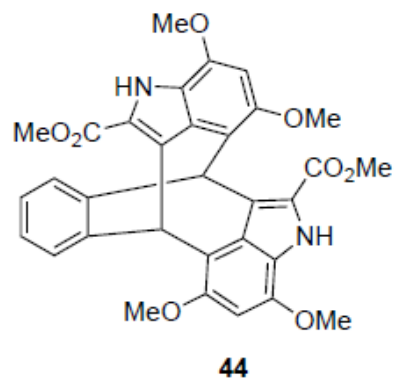
**19**



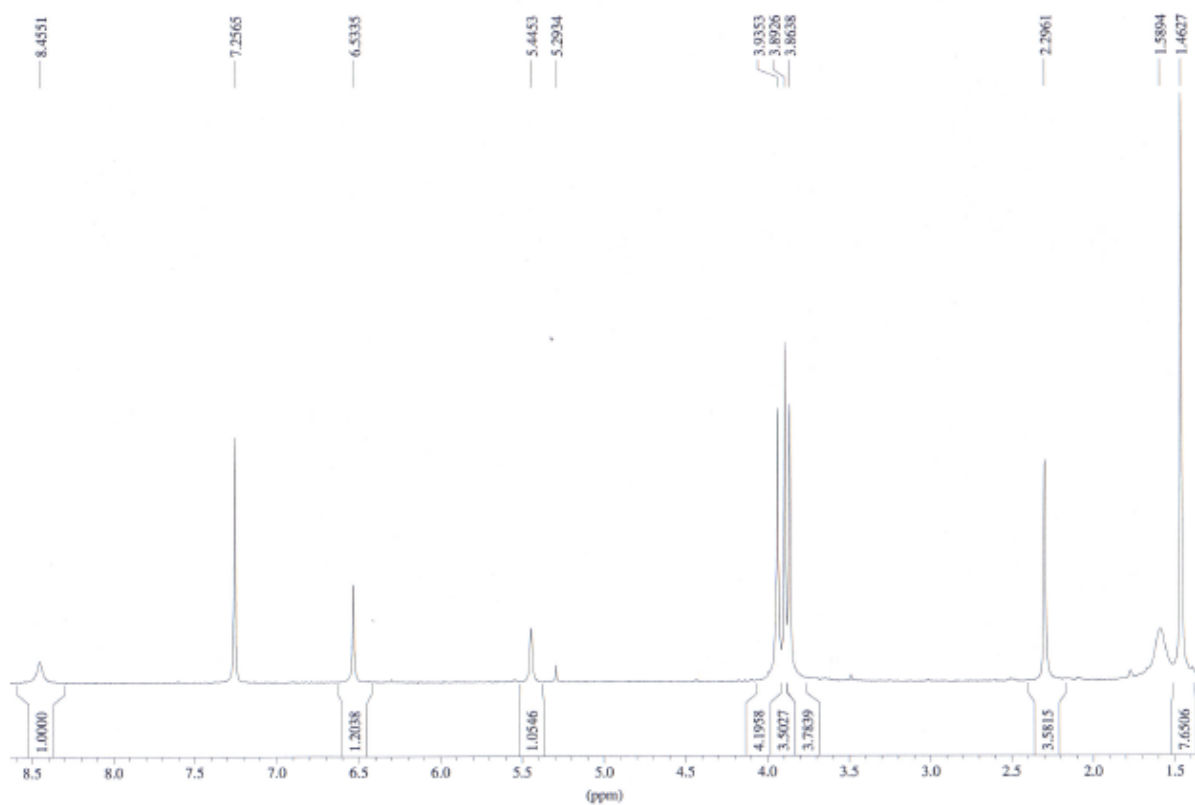
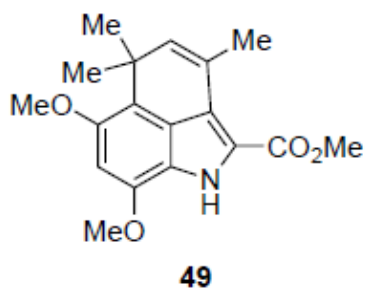
$^1\text{H}$  NMR spectrum of Compound **37** ( $\text{CDCl}_3$ )

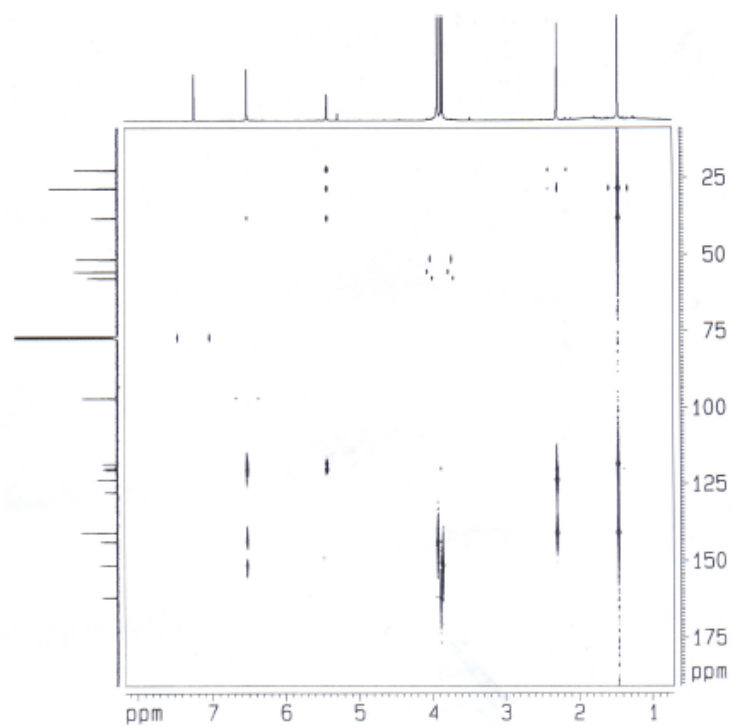
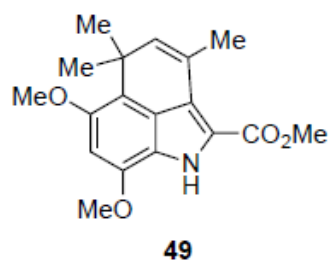
<sup>1</sup>H NMR spectrum of Compound **43** (CDCl<sub>3</sub>)

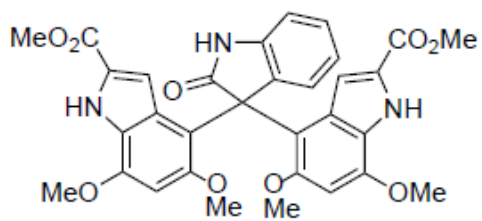
<sup>2</sup>D NMR spectrum of Compound **43**

$^1\text{H}$  NMR spectrum of compound **44** ( $\text{CDCl}_3$ )



$^1\text{H}$  NMR spectrum of compound **49** ( $\text{CDCl}_3$ )

$^2\text{D}$  NMR spectrum of compound **49**

$^1\text{H}$  NMR spectrum of compound **53** ( $\text{d}_6$ -DMSO)**53**