

## Supplementary Material

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

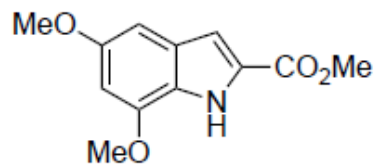
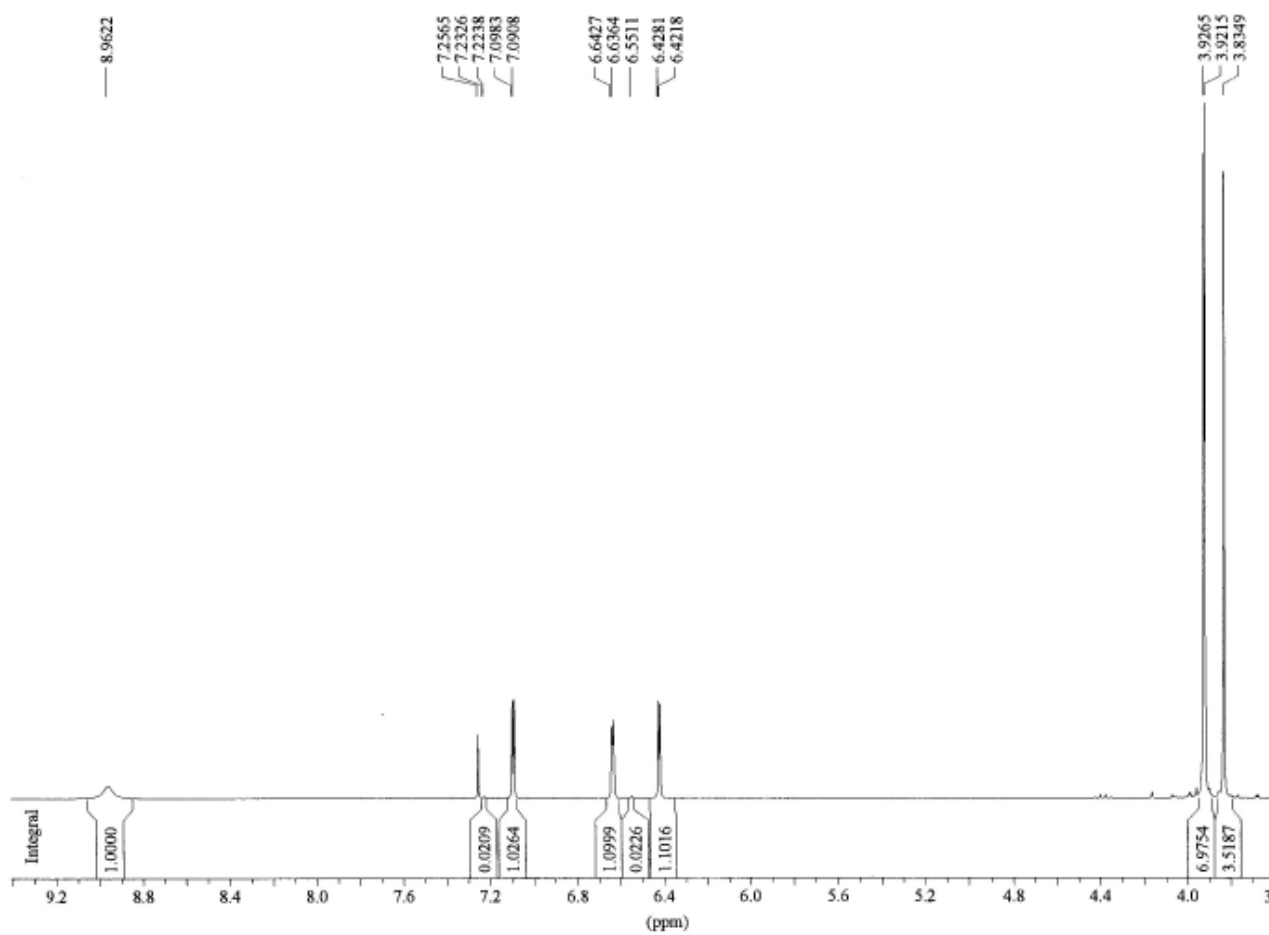
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Naresh Kumar, and David StC. Black\*

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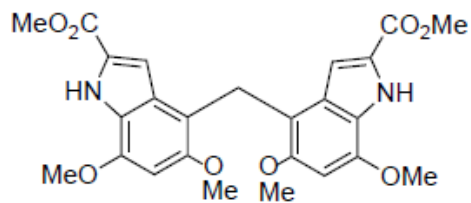
Email: [d.black@unsw.edu.au](mailto:d.black@unsw.edu.au)

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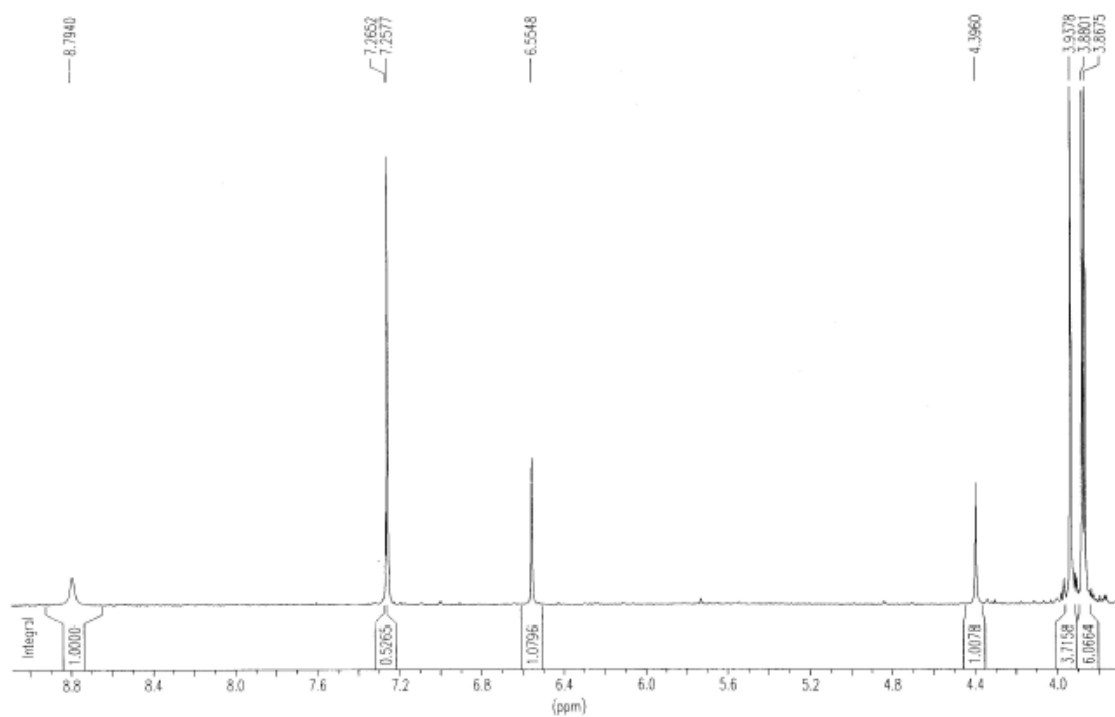
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| <sup>1</sup> H NMR spectrum of compound <b>5</b> .....  | S2  |
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$^1\text{H}$  NMR spectrum of compound **5** ( $\text{CDCl}_3$ )**5**

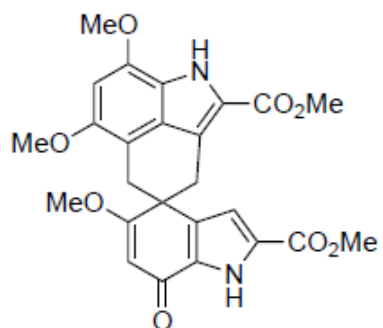
$^1\text{H}$  NMR spectrum of compound **15** ( $\text{CDCl}_3$ )



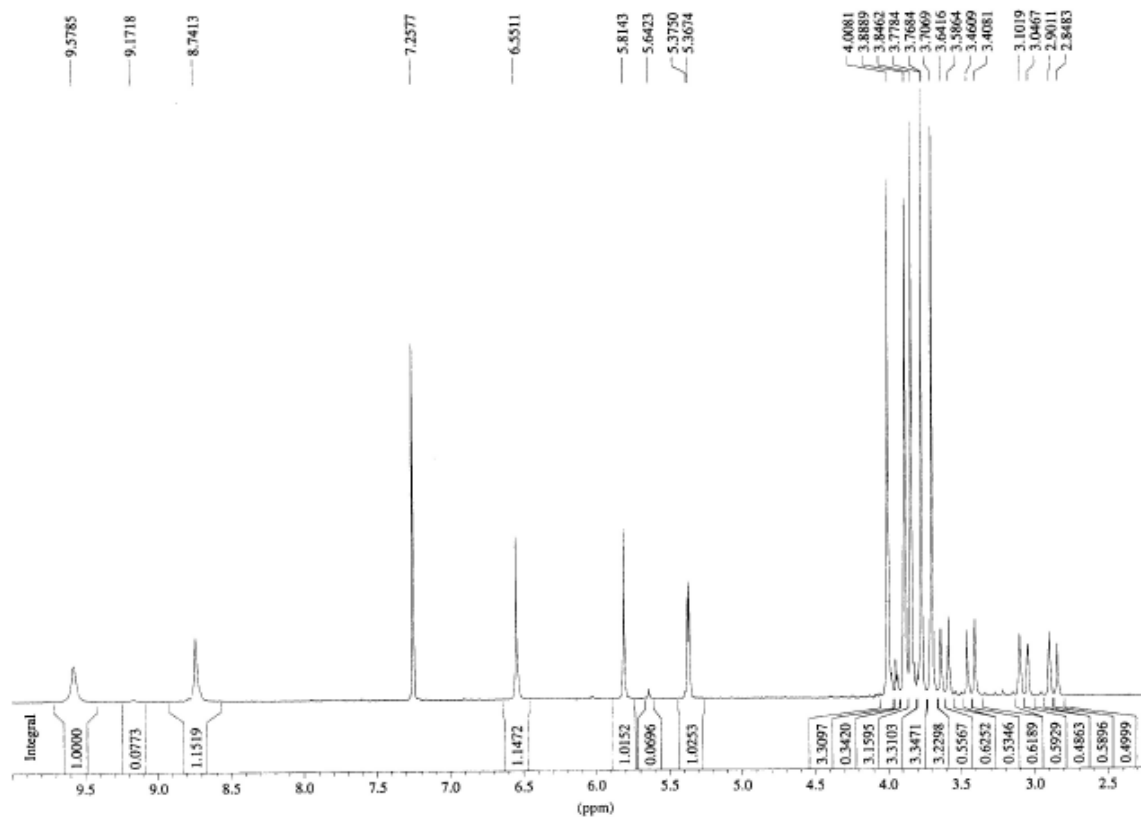
**15**

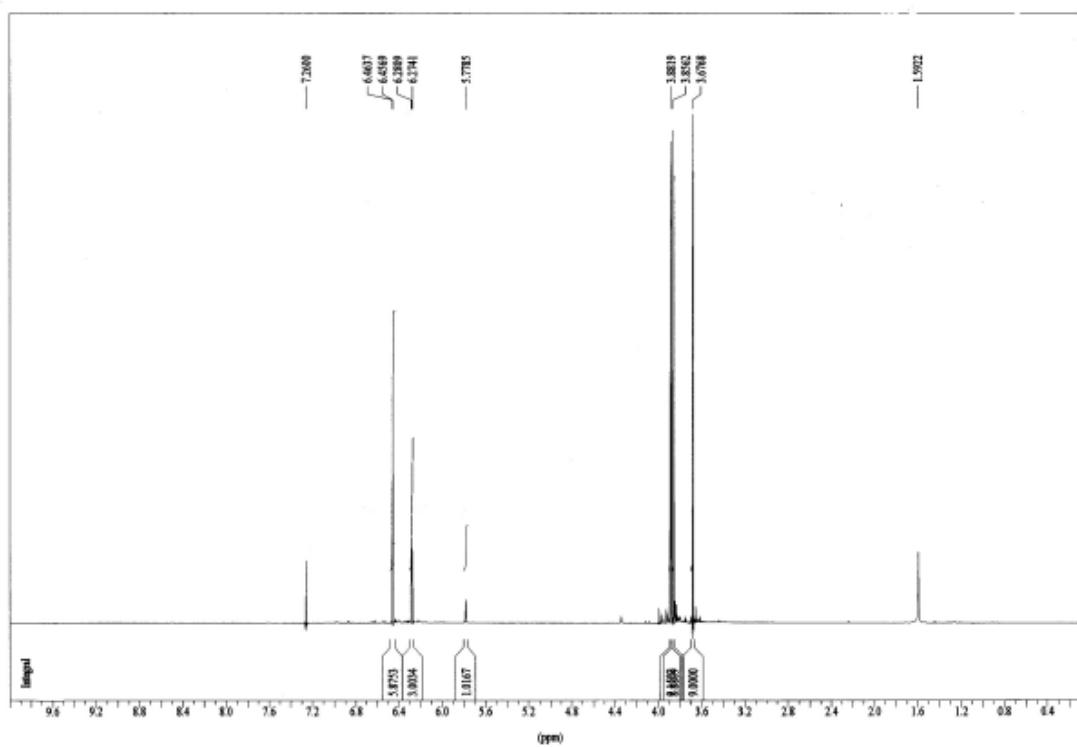
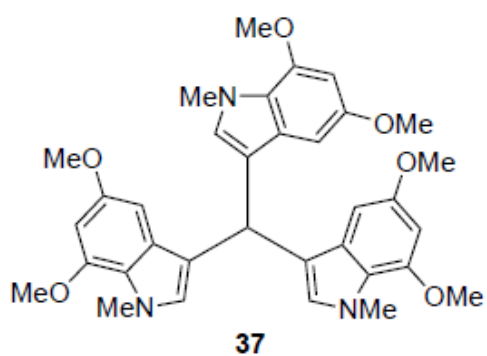


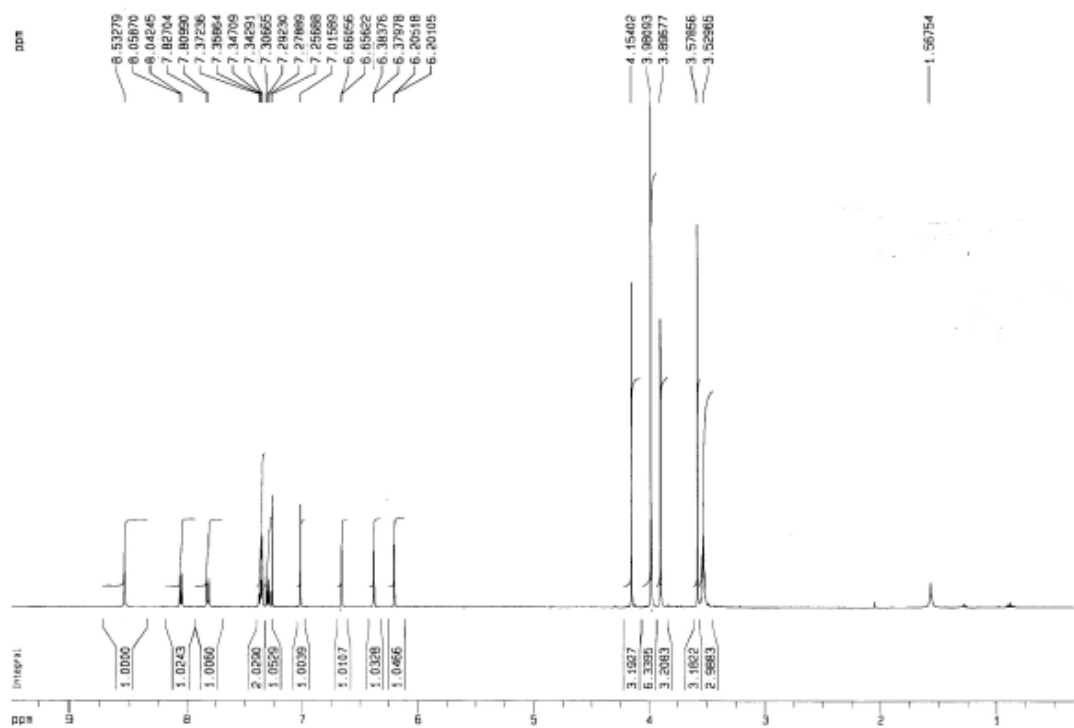
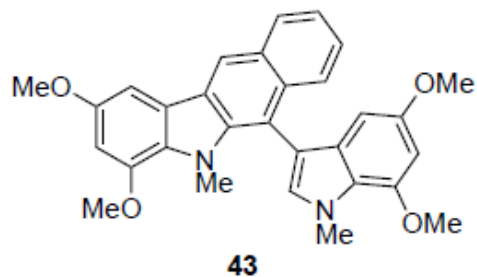
$^1\text{H}$  NMR spectrum of compound **19** ( $\text{CDCl}_3$ )

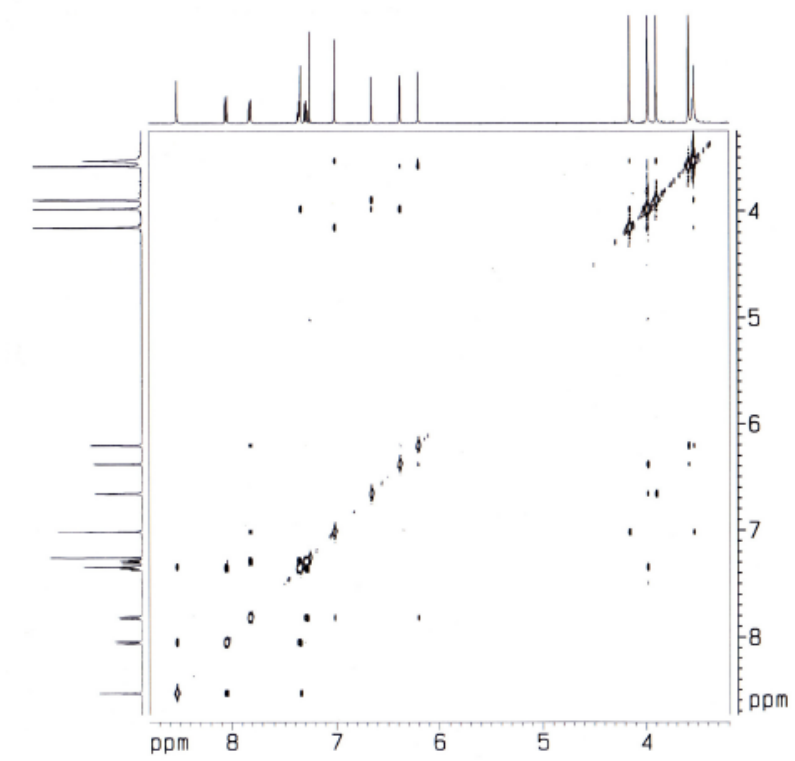
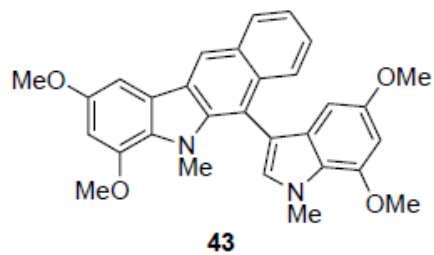


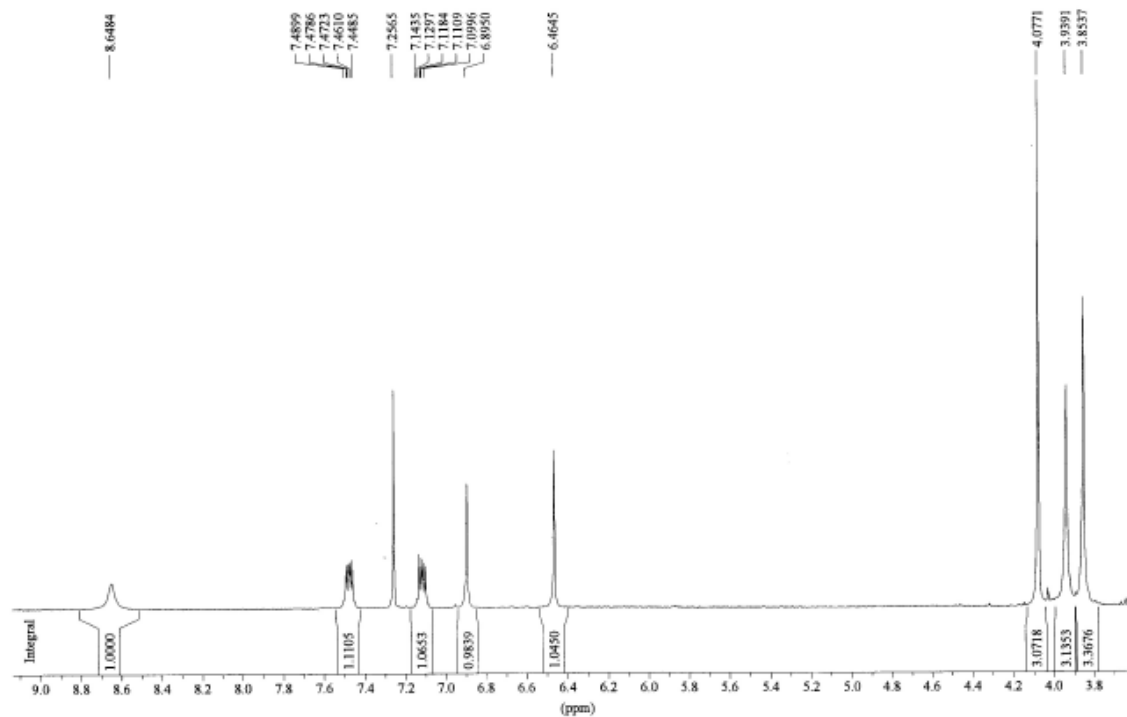
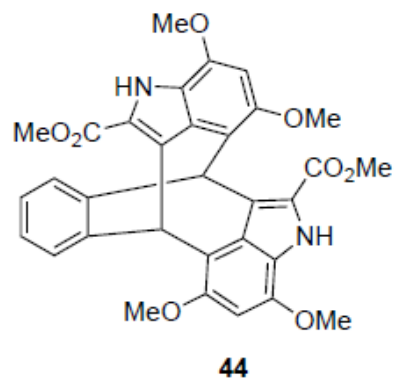
**19**



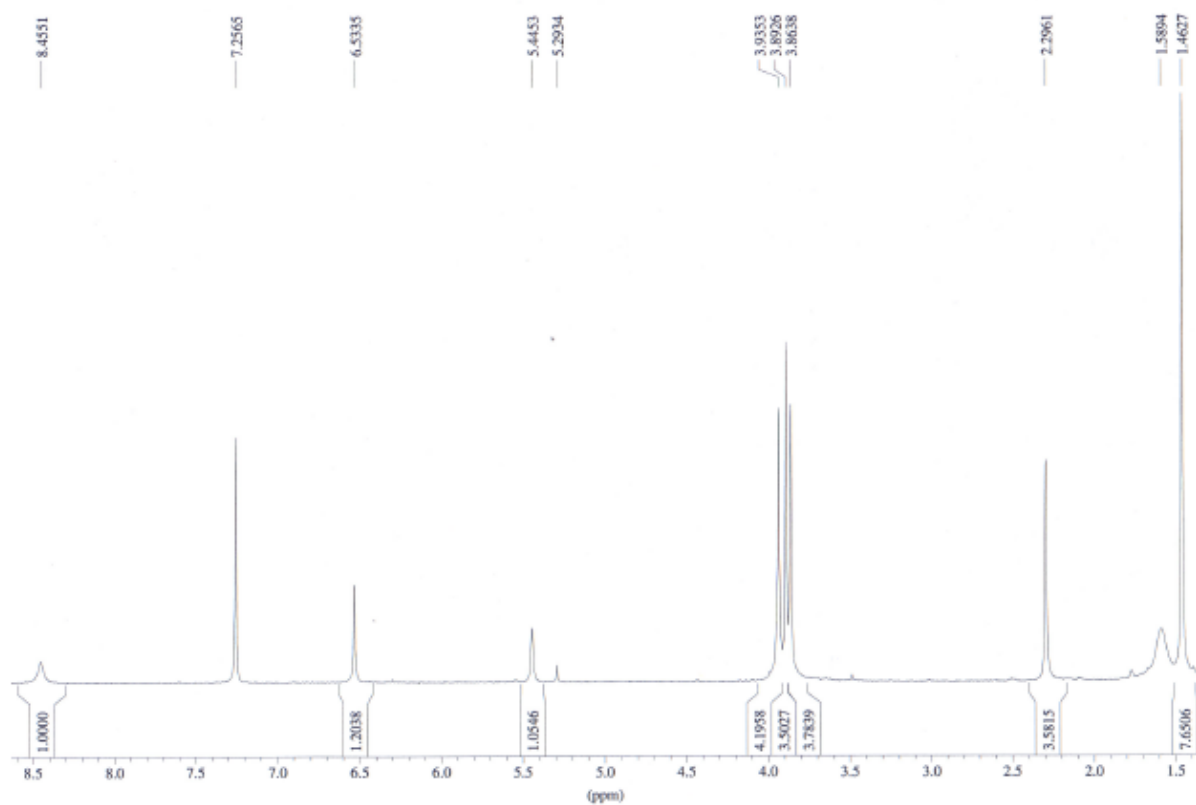
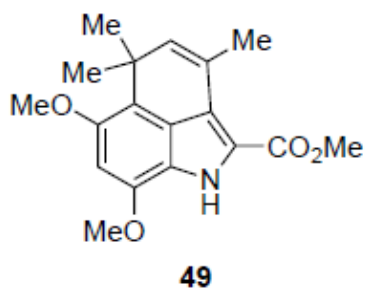
$^1\text{H}$  NMR spectrum of Compound **37** ( $\text{CDCl}_3$ )

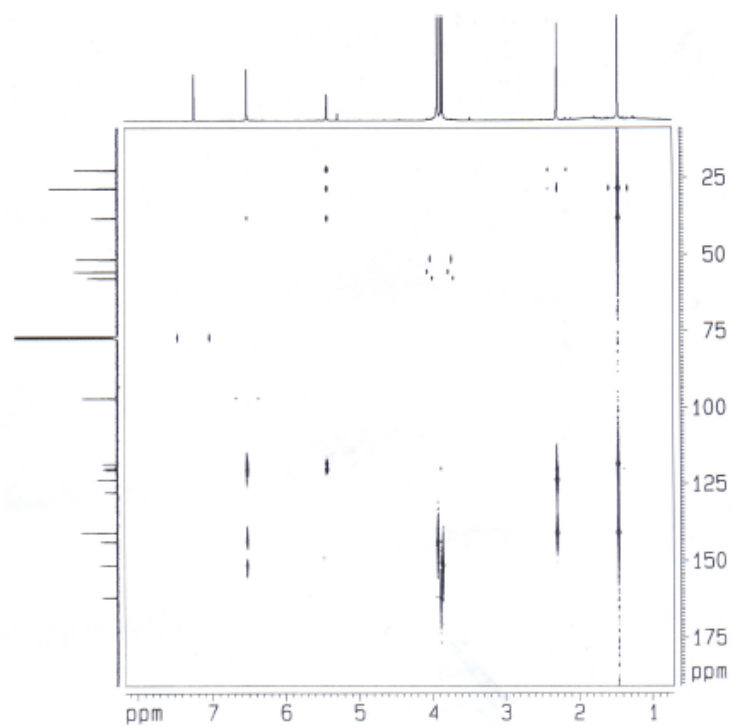
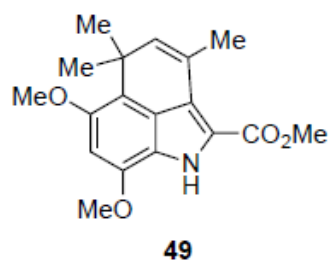
<sup>1</sup>H NMR spectrum of Compound **43** (CDCl<sub>3</sub>)

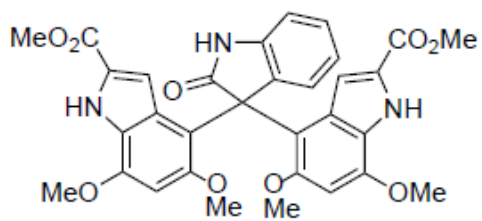
<sup>2</sup>D NMR spectrum of Compound **43**

$^1\text{H}$  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**