

Supporting Information  
for DOI: 10.1055/s-0033-1340815  
© Georg Thieme Verlag KG Stuttgart · New York 2014

**Facile Synthesis of  
Spiro[indane-2,1'-pyrrolo[2,1-*a*]isoquinolines] via  
Three-Component Reaction of Isoquinolinium Salts,  
Indane-1,3-dione and Isatins**

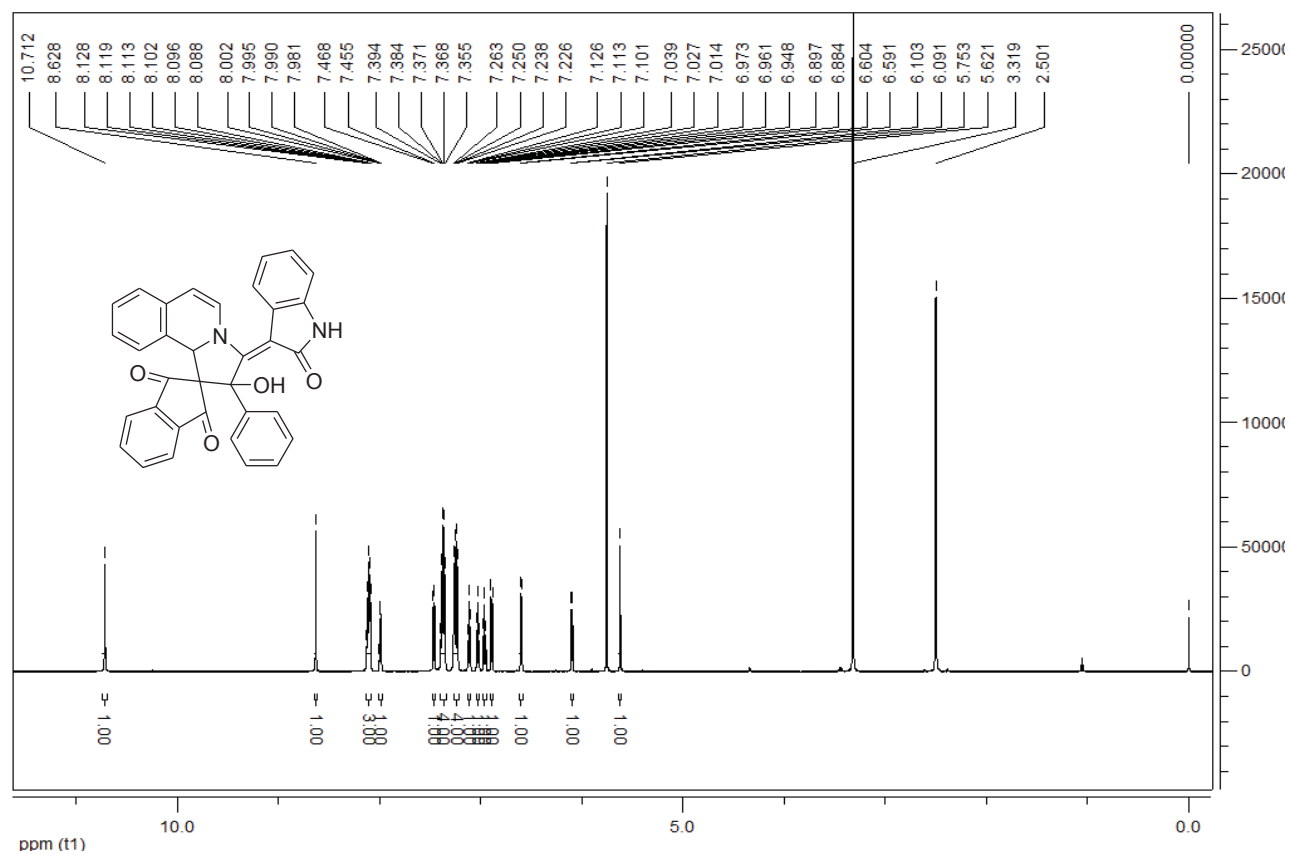
Xiao-Hua Wang, Chao-Guo Yan\*

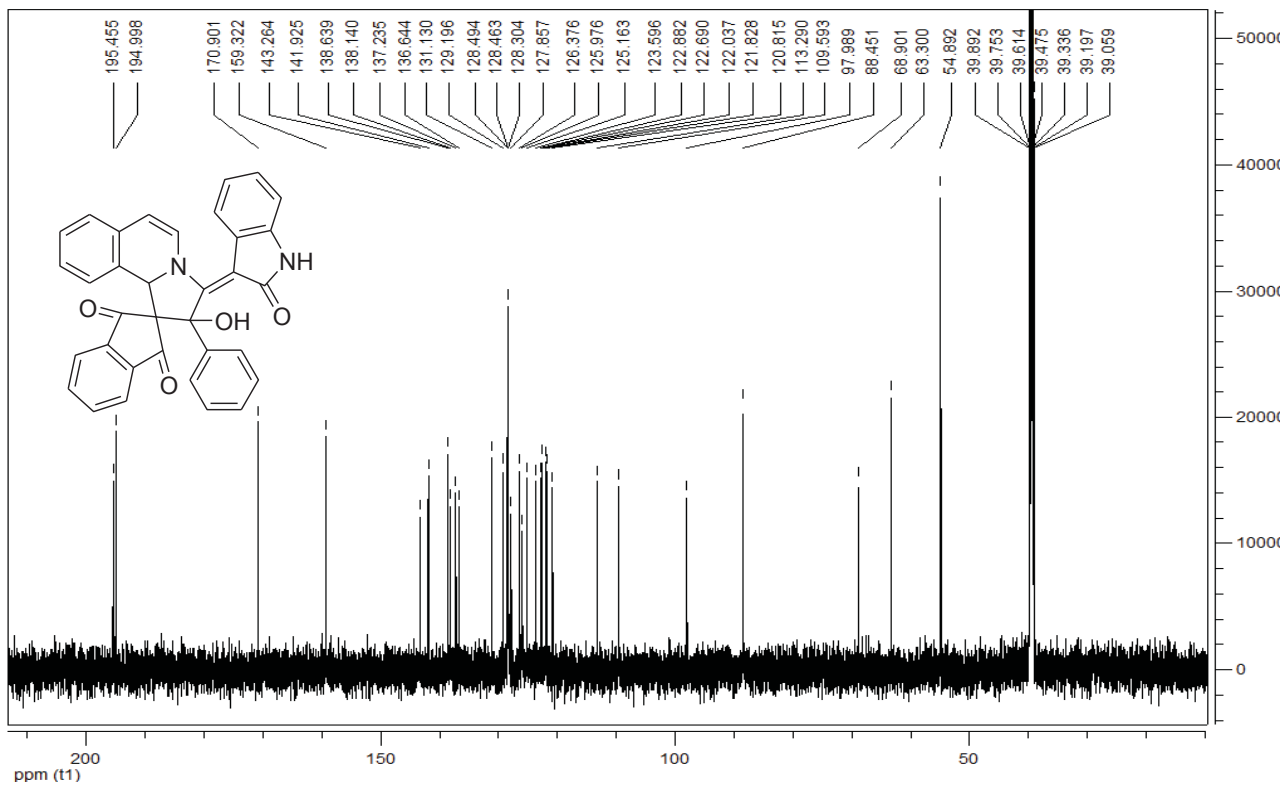
**Supporting Information**

**<sup>1</sup>H and <sup>13</sup>C NMR spectra of the prepared spiro compounds**

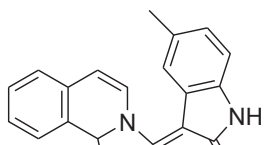
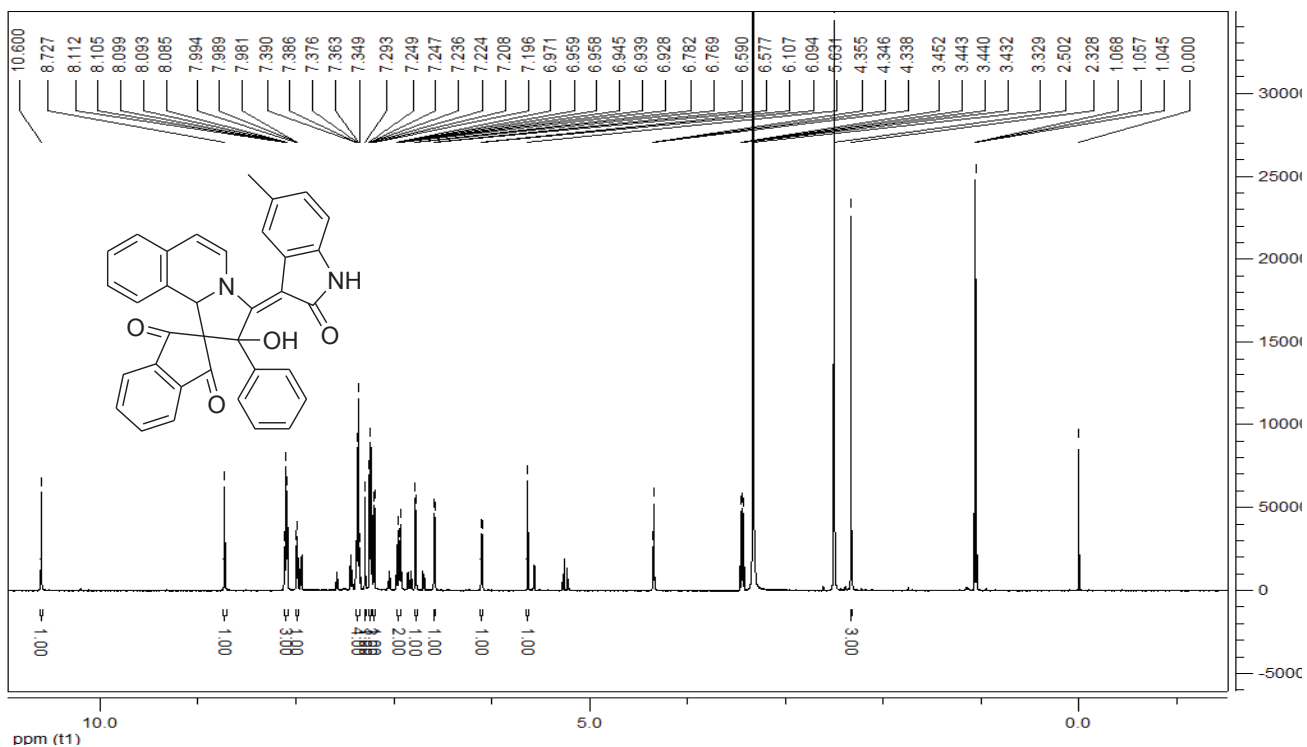
**2-20**

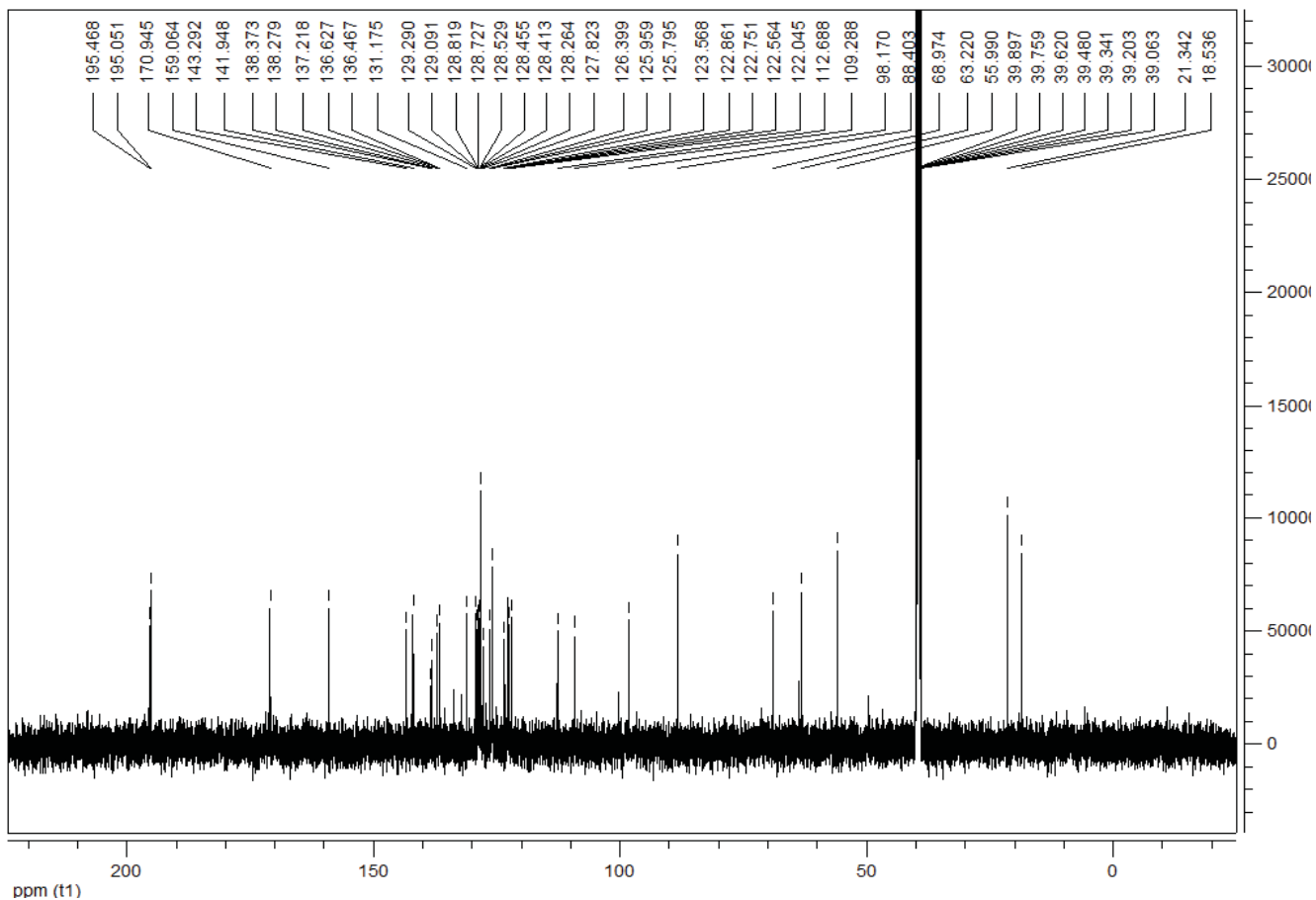
**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3a**



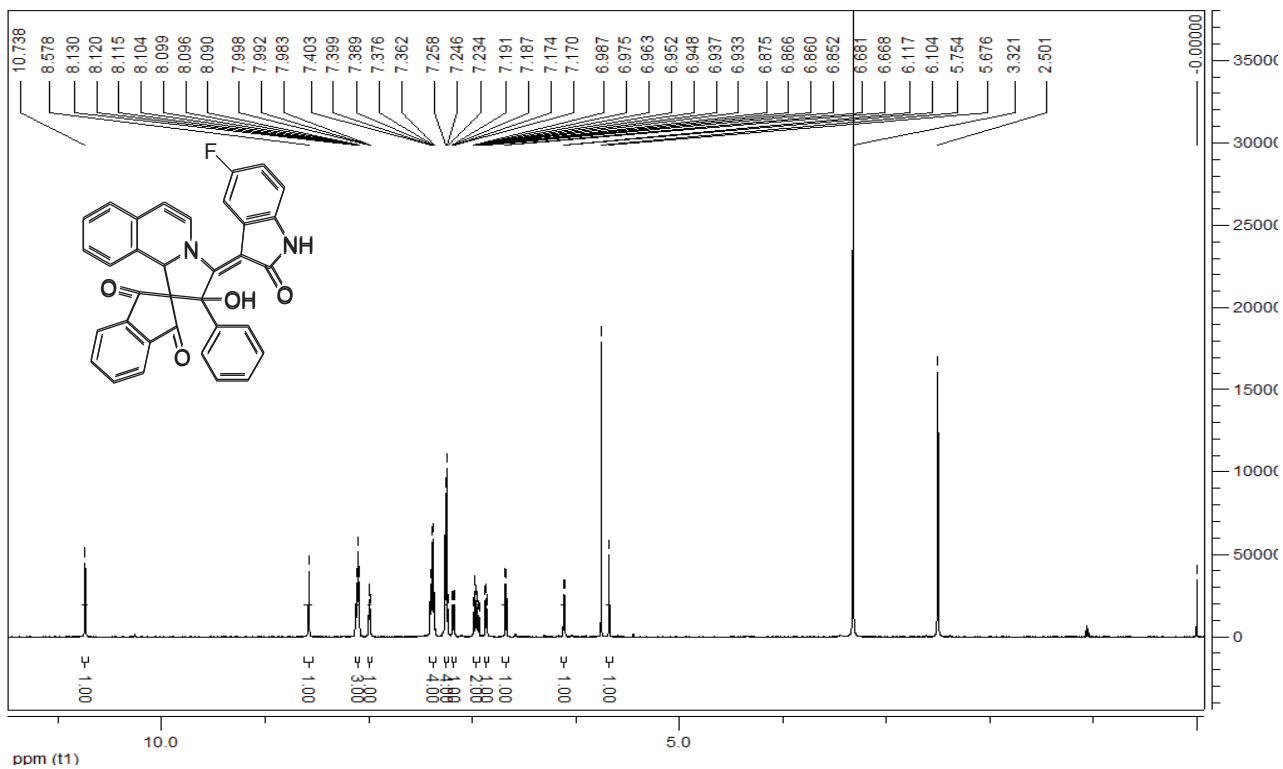


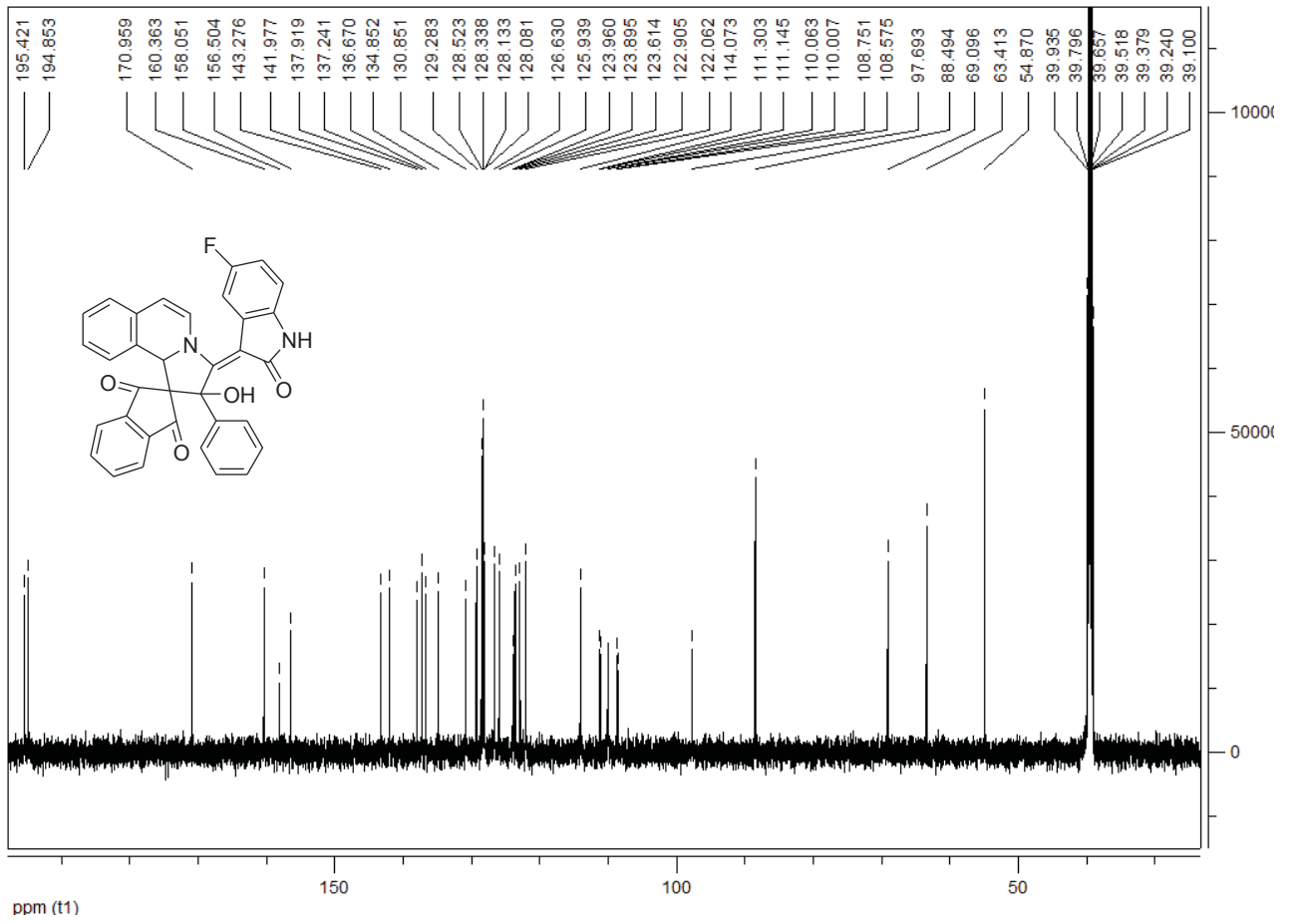
**2'-Isatylidene spiro[indan-2,1'-pyrro[2,1-a]isoquinoline] 3b**



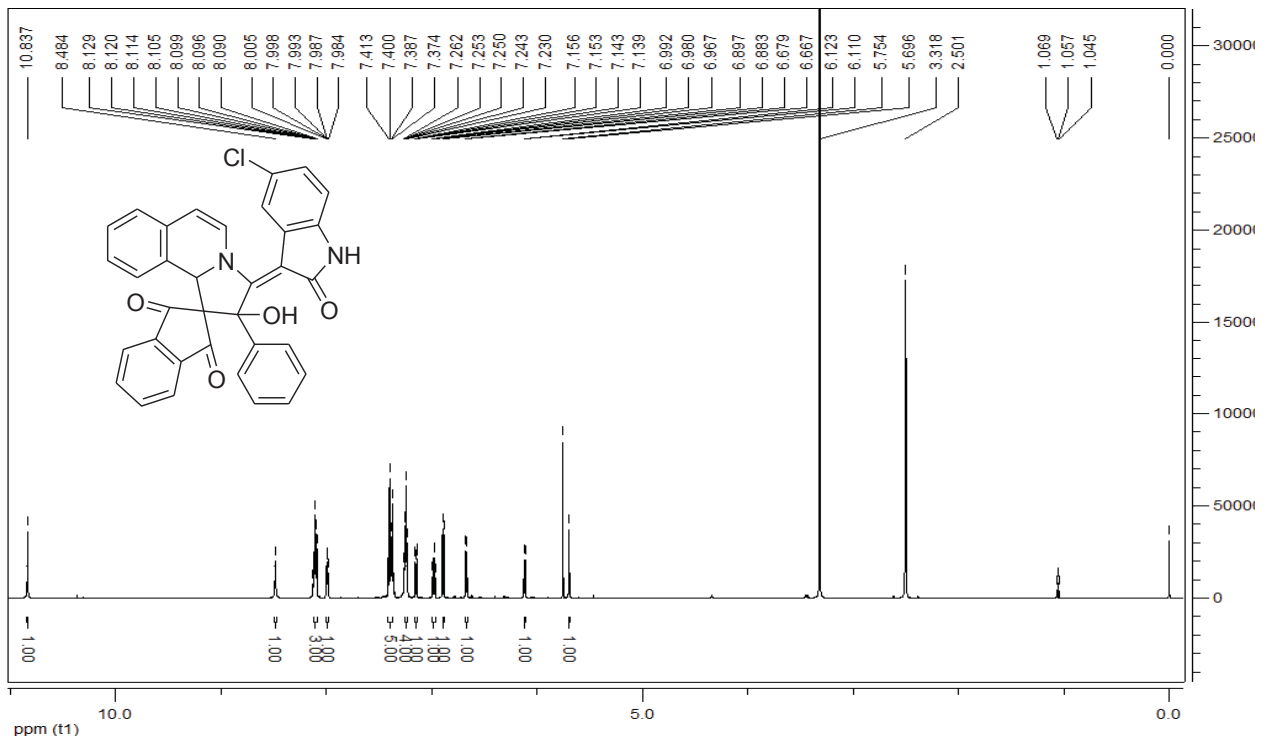


**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3c**





2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3d

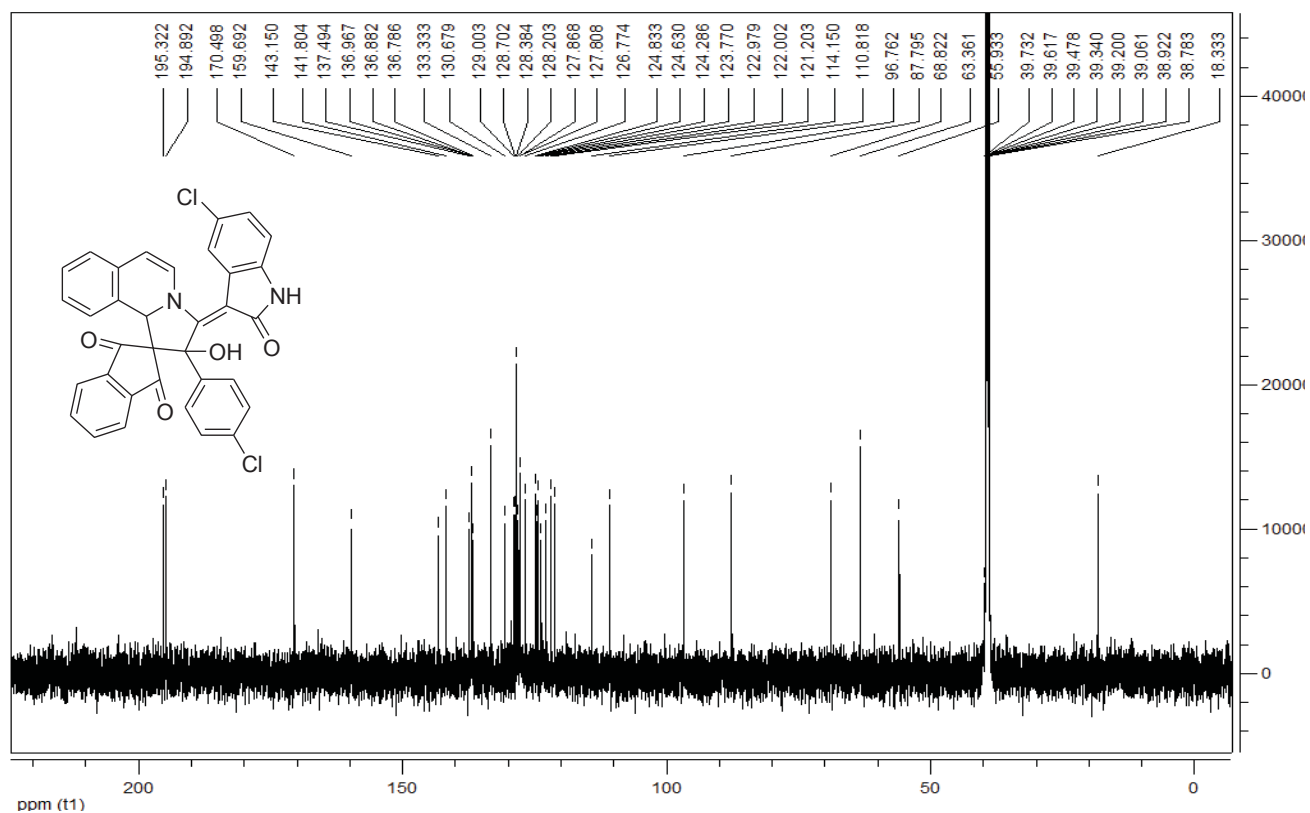




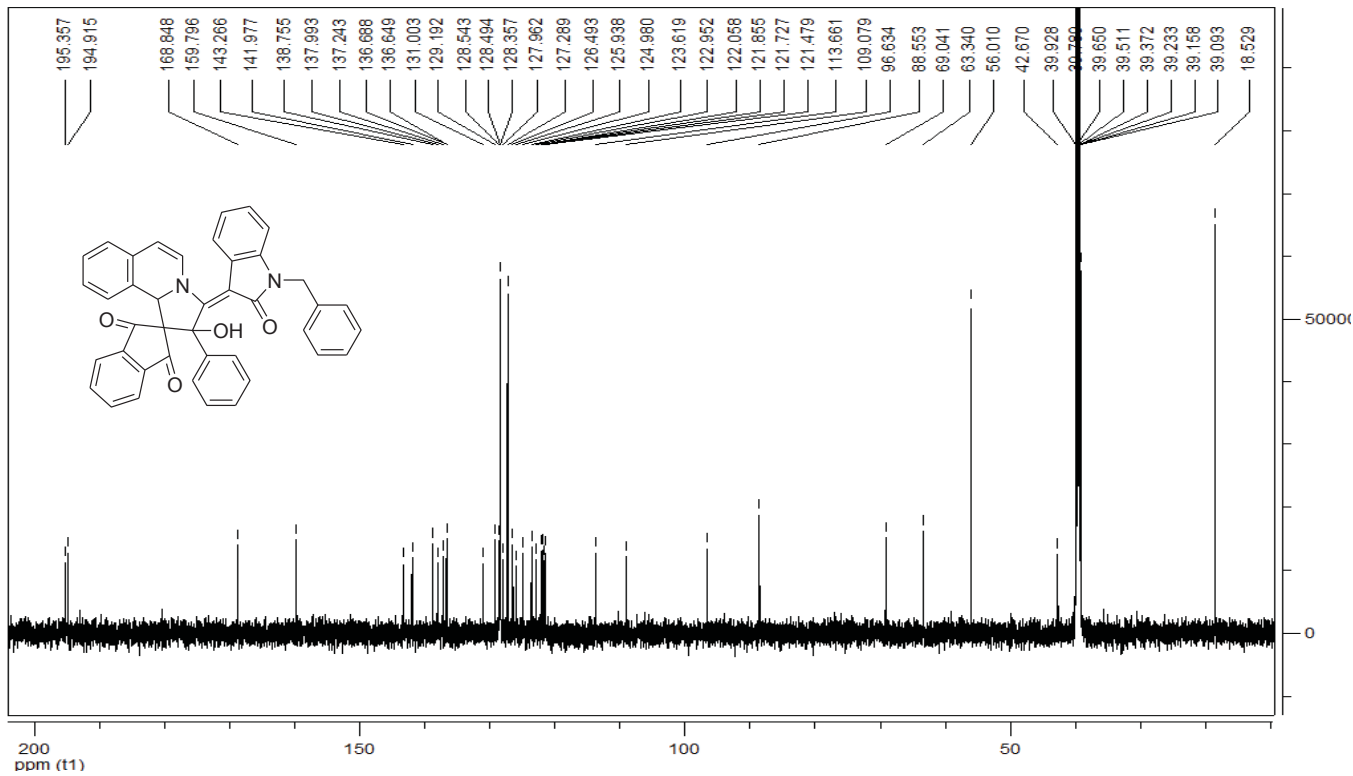
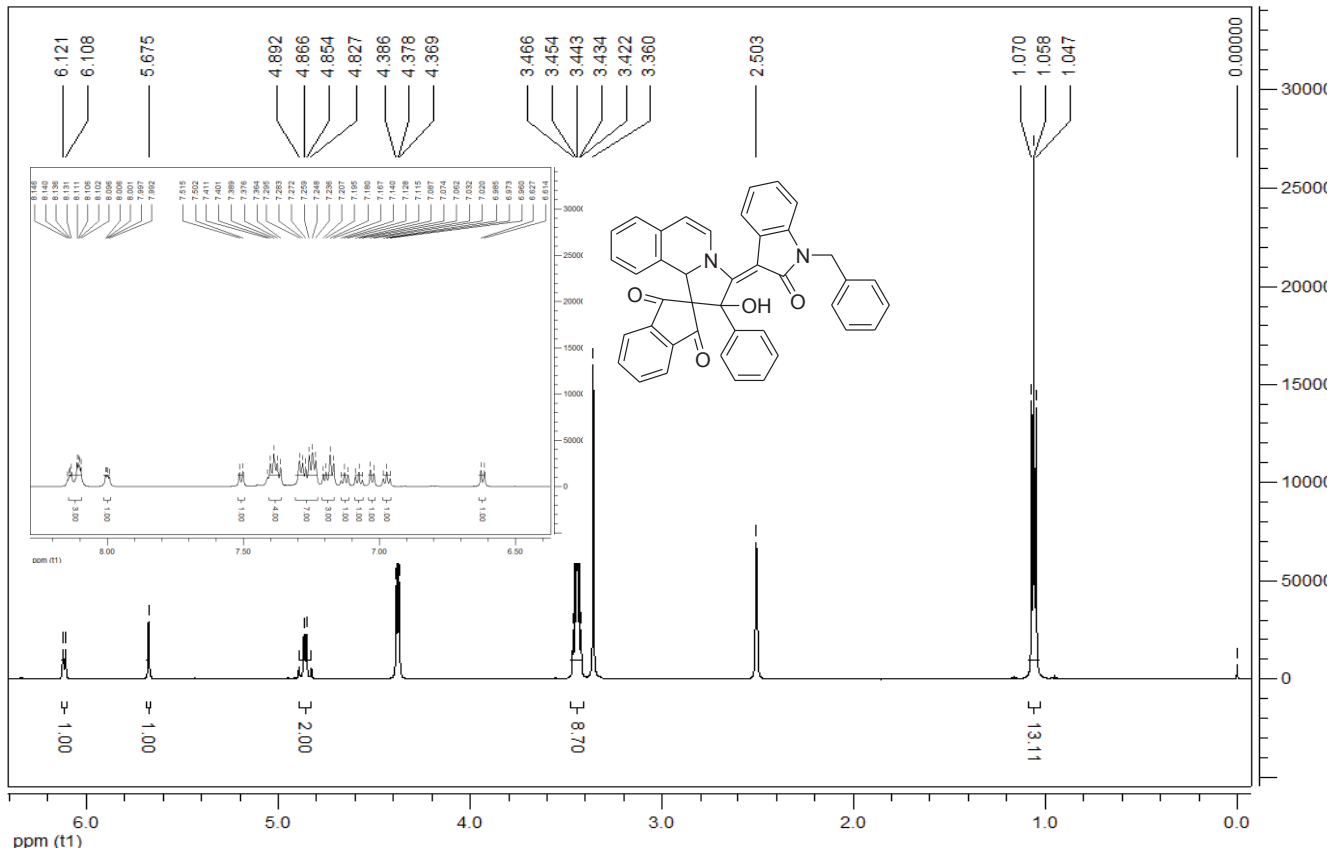




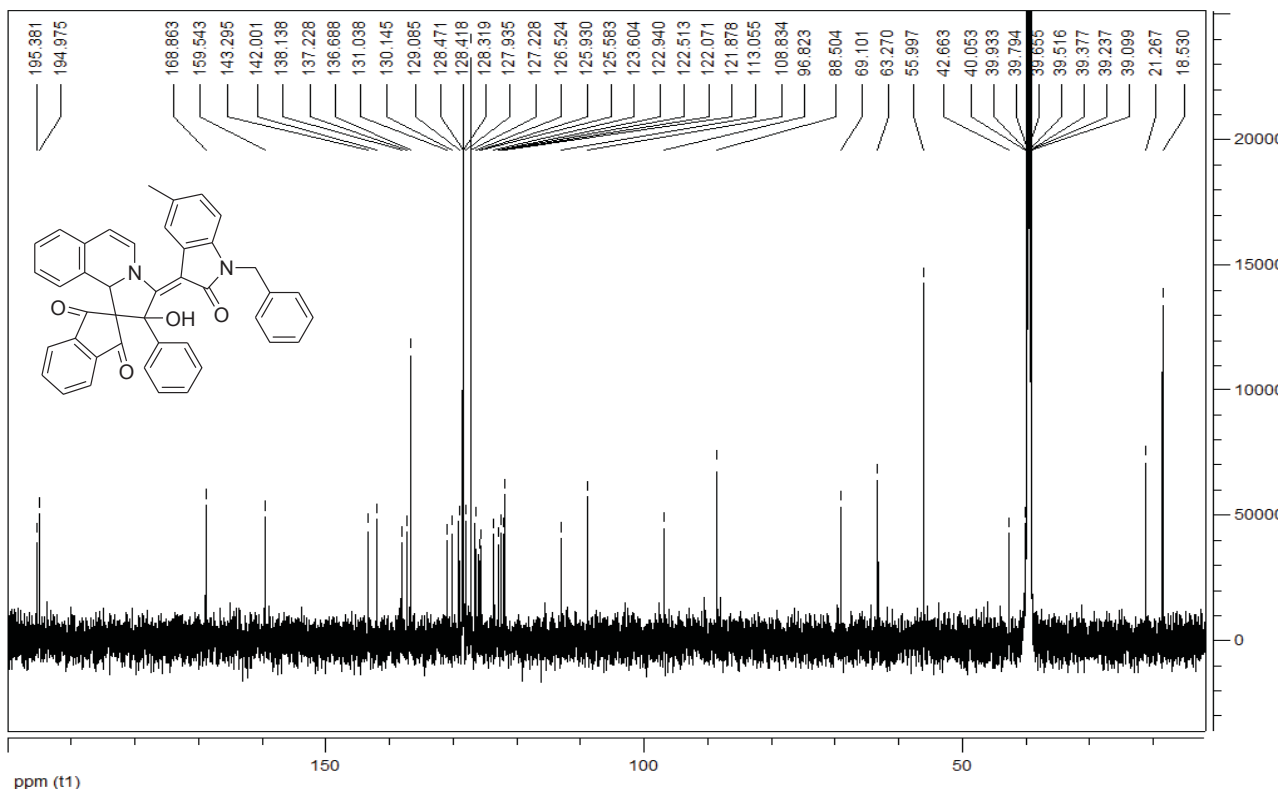
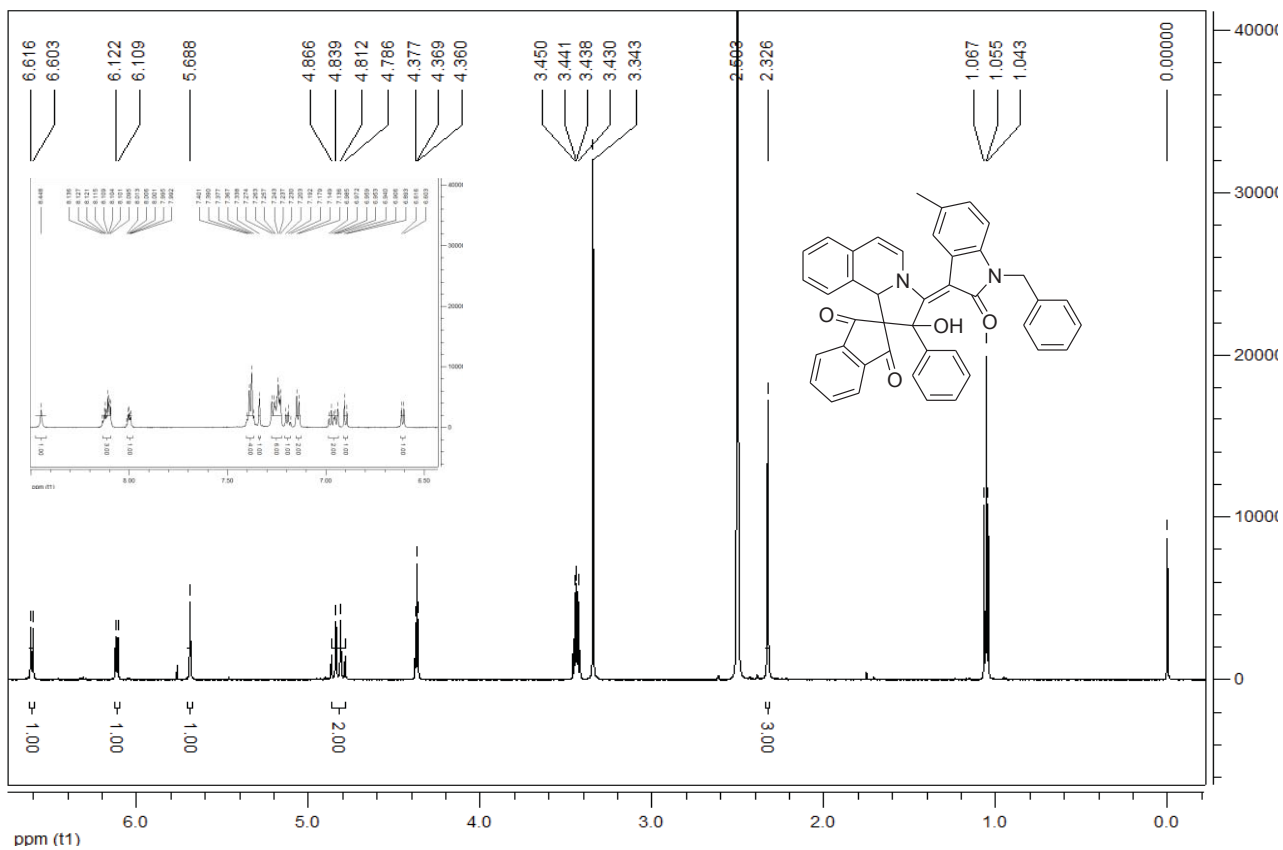




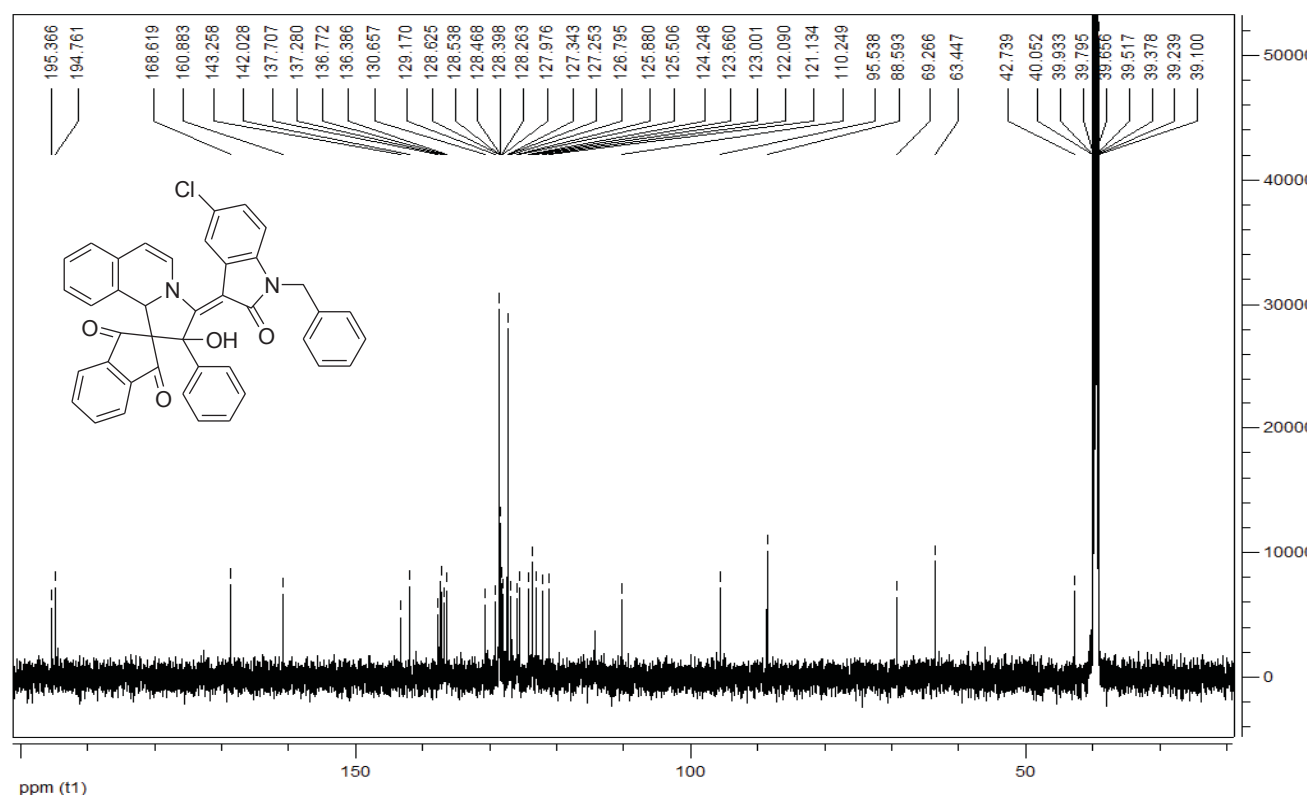
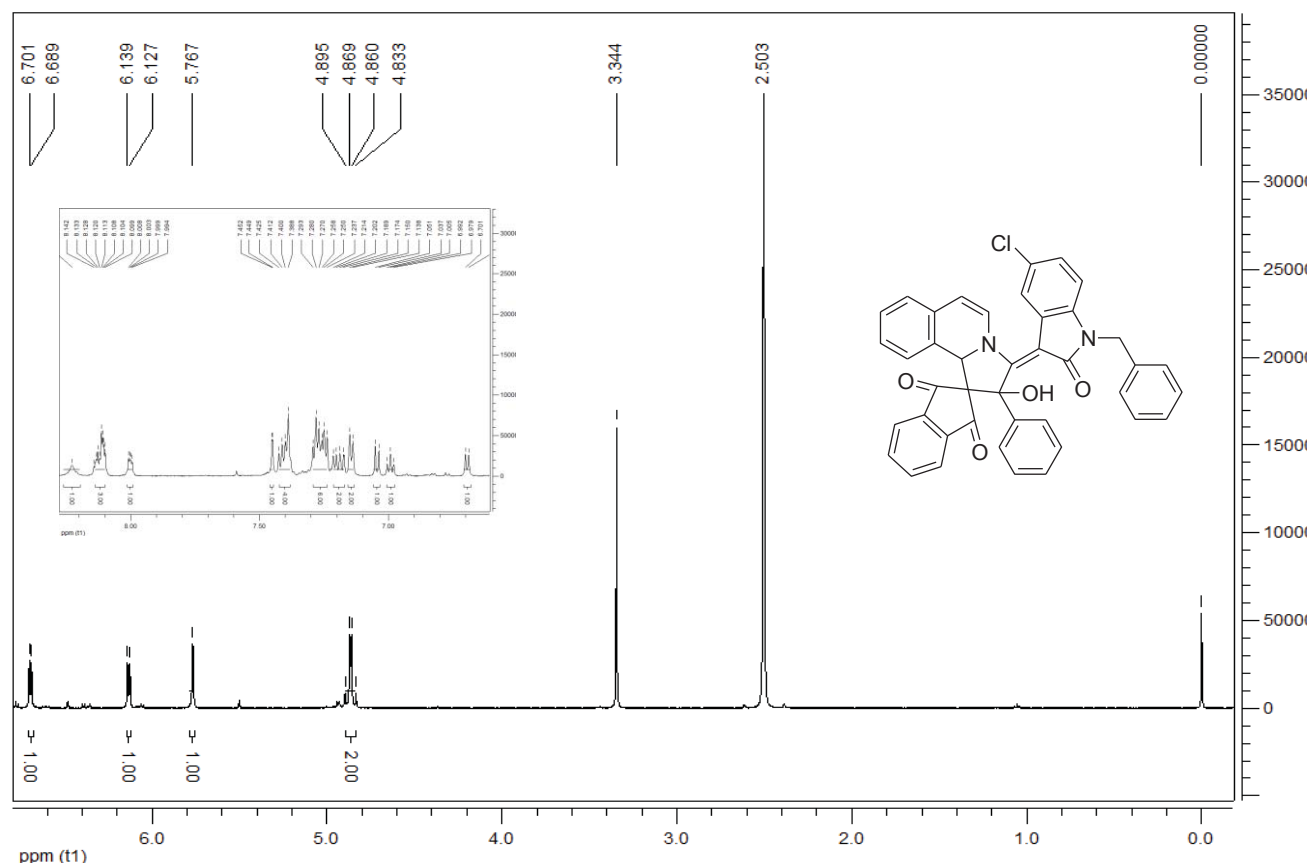
**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3i**



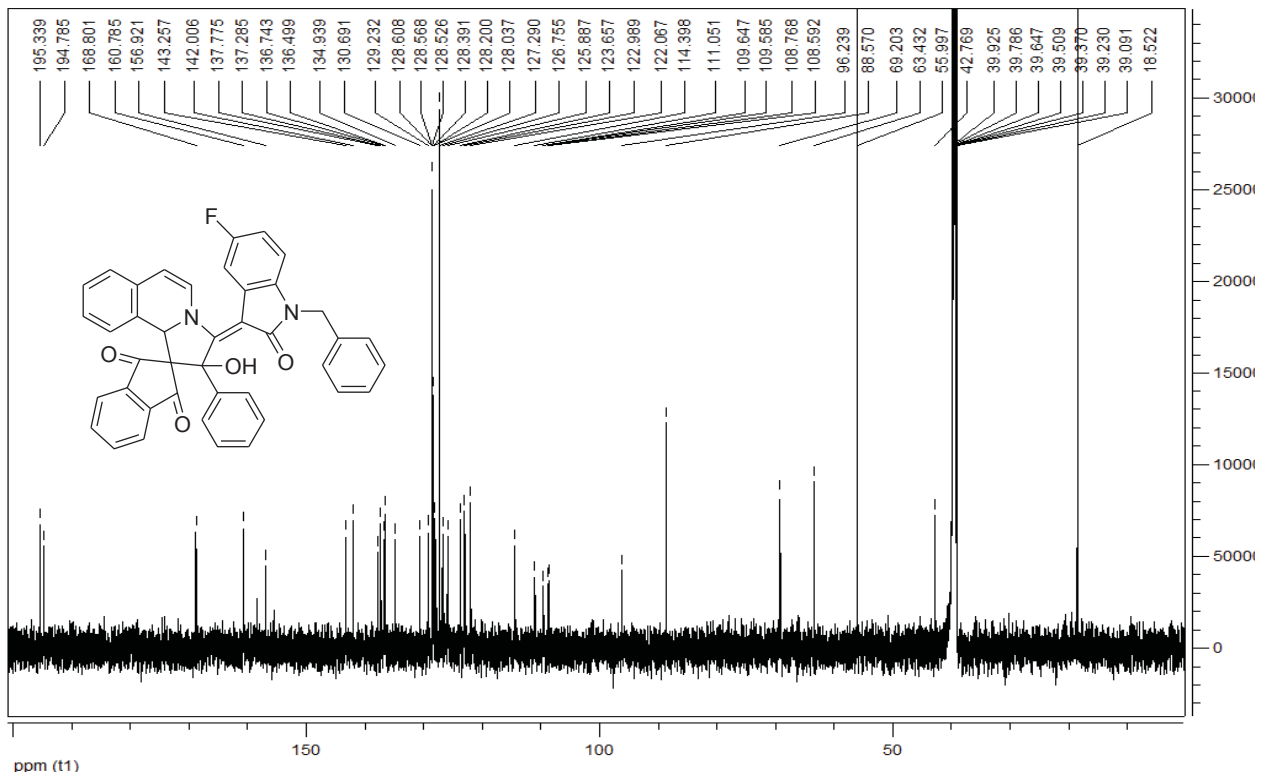
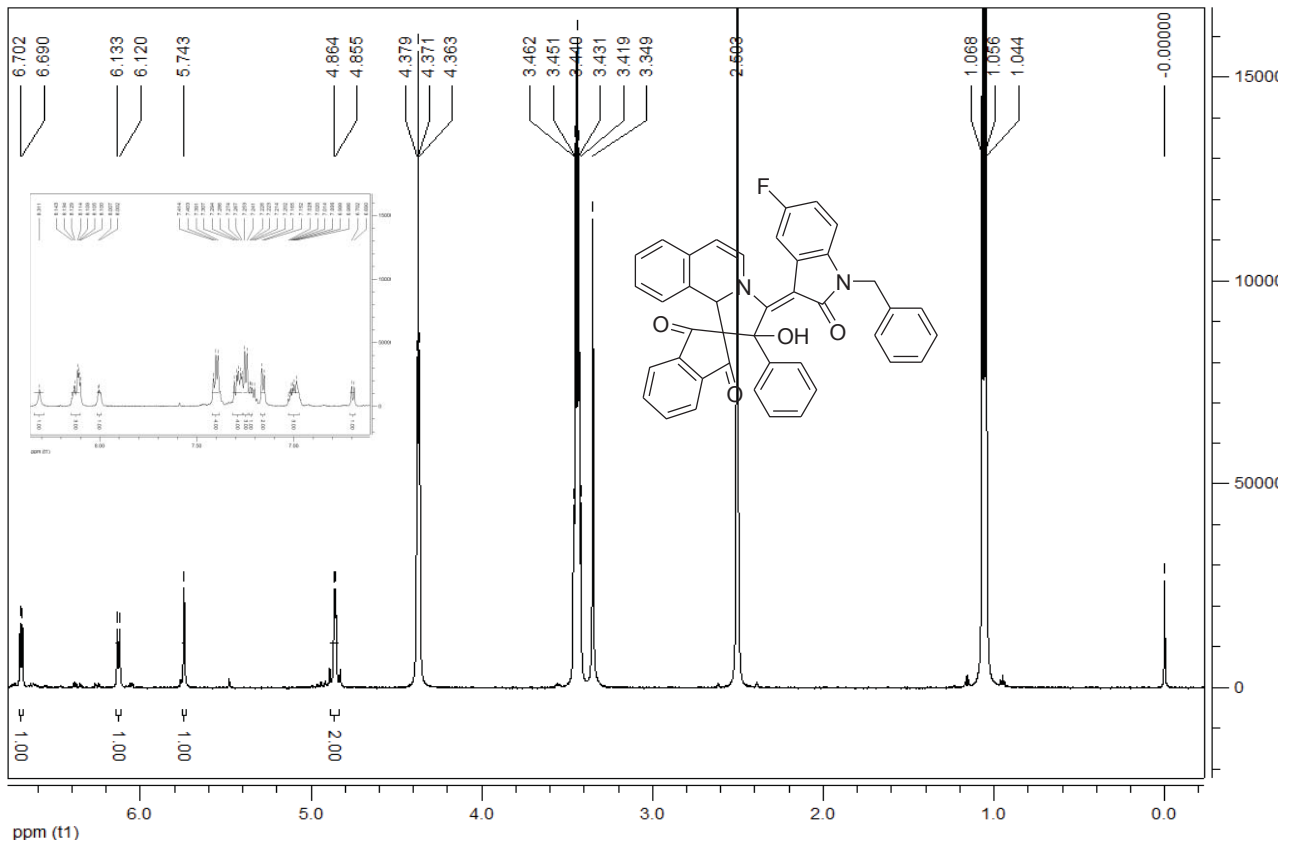
**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3j**



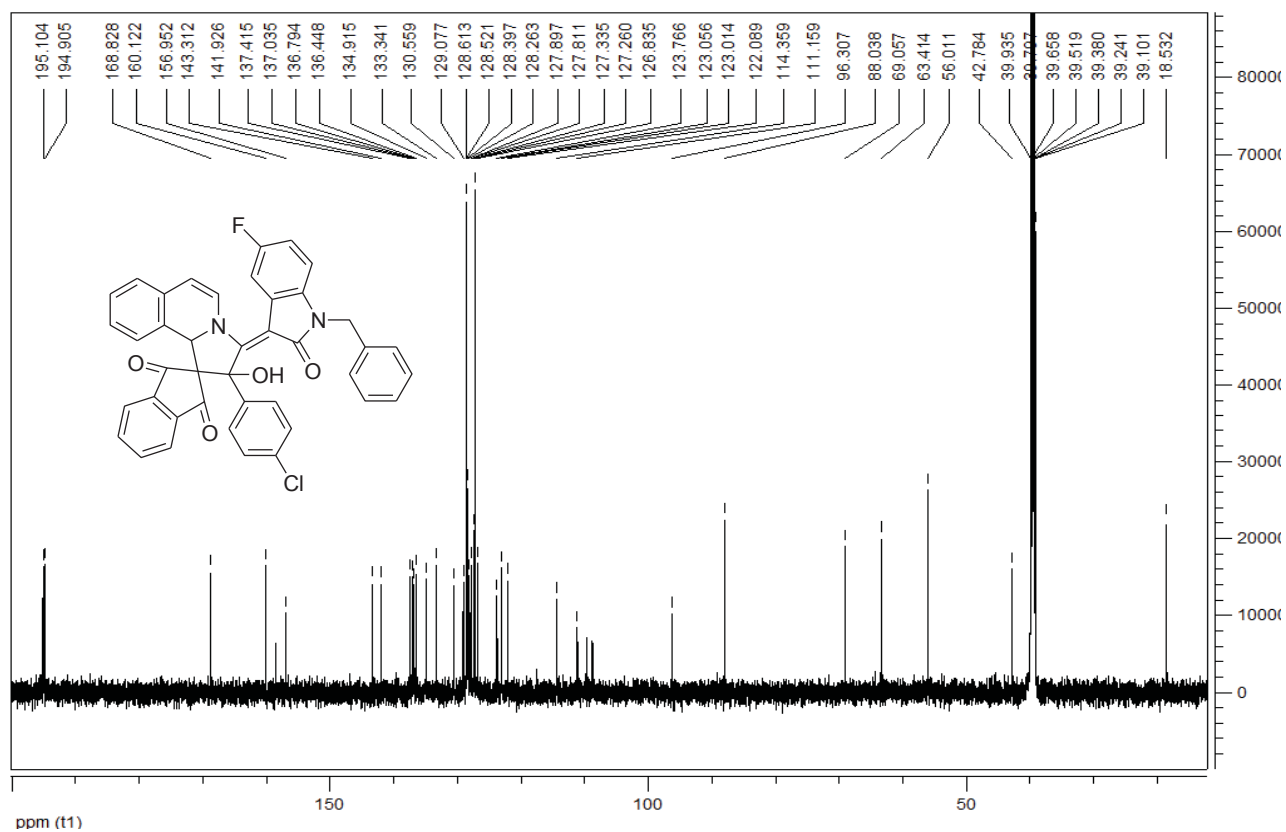
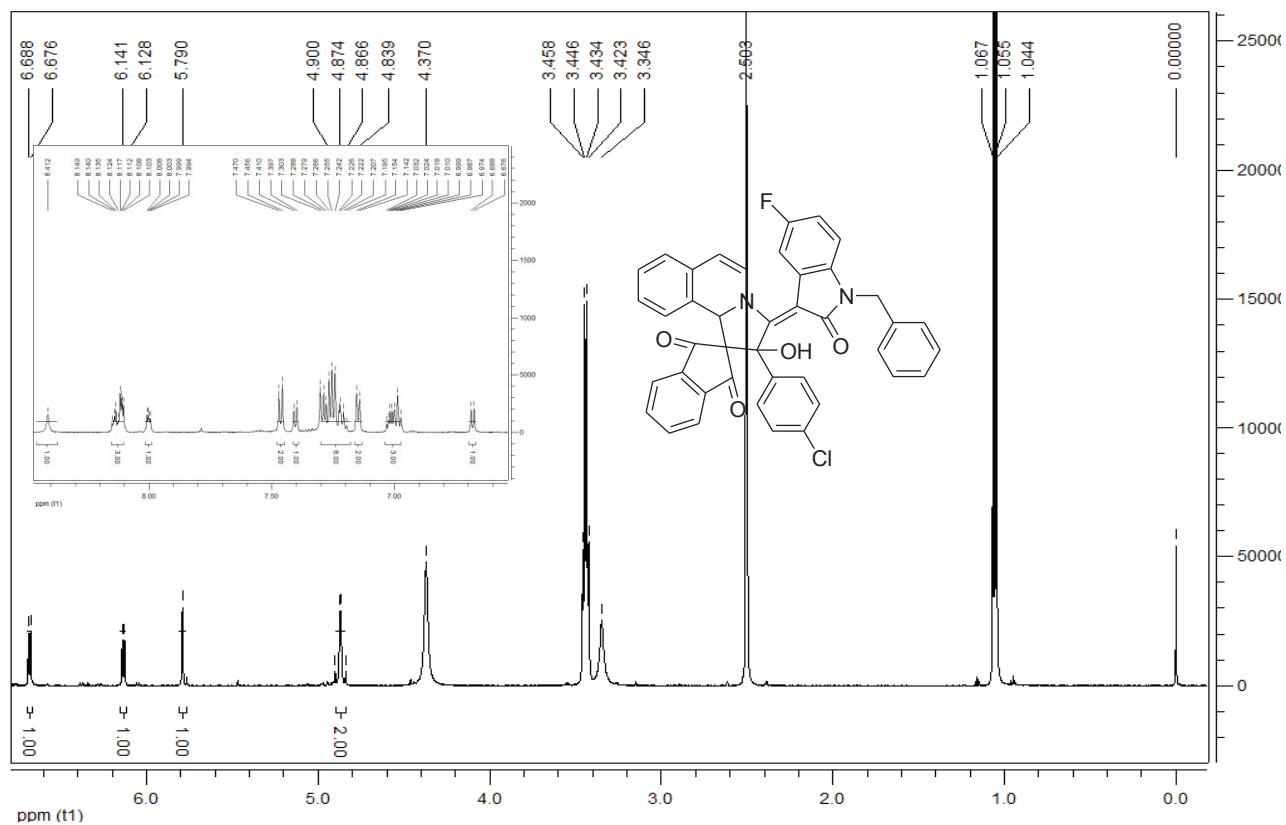
2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3k



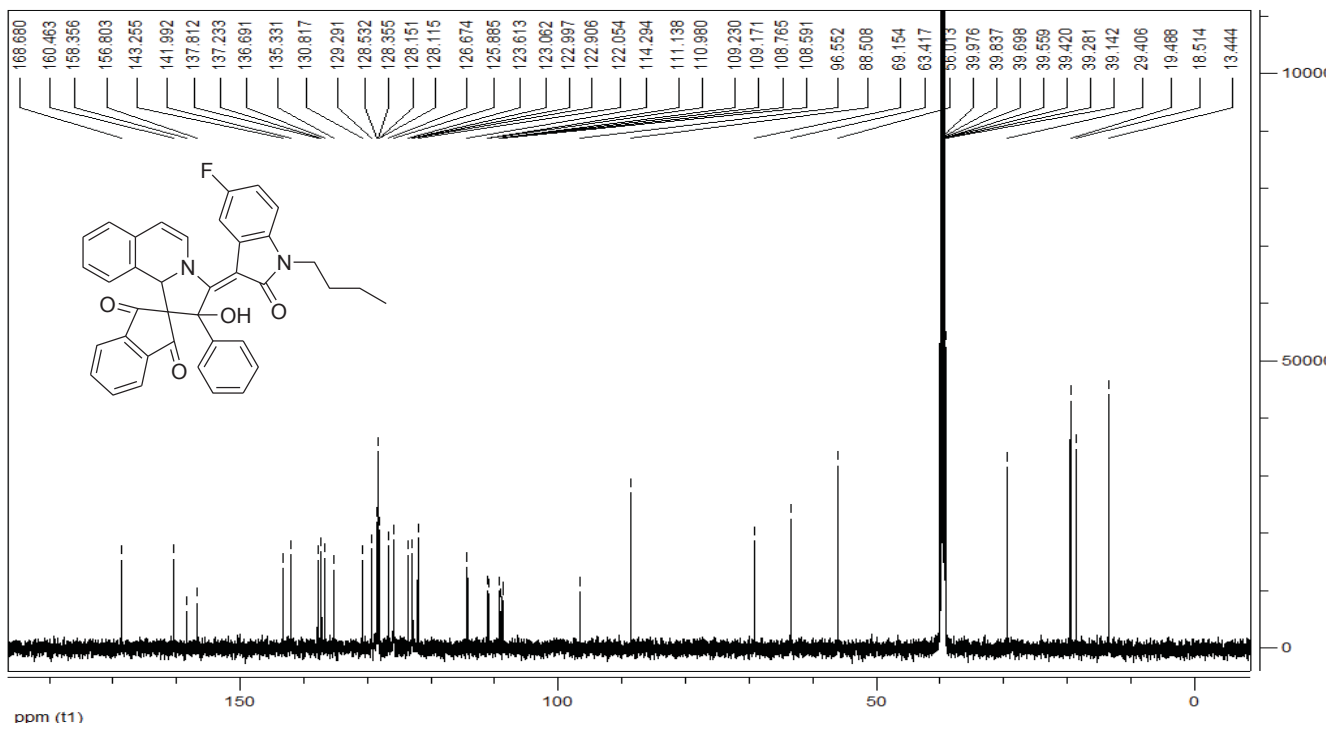
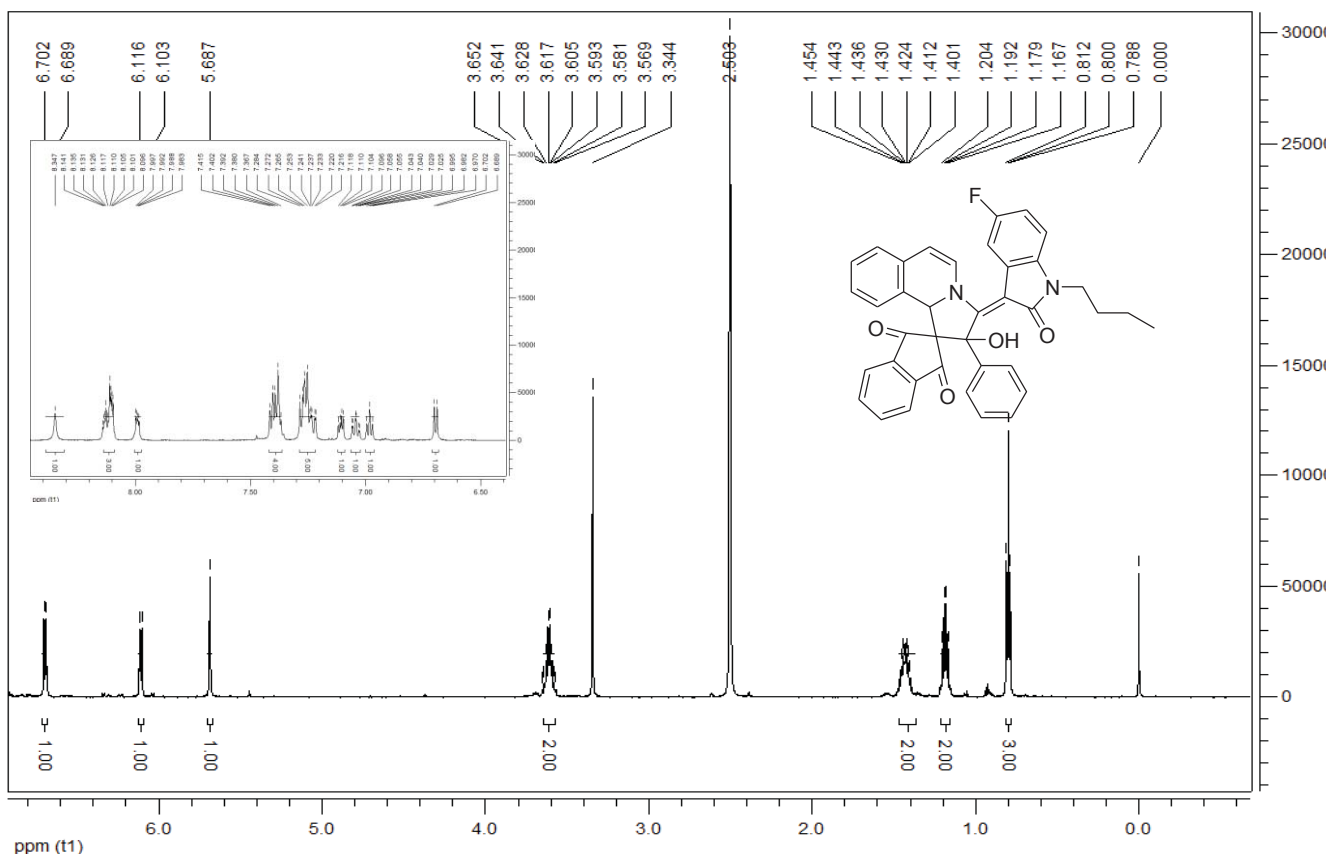
**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 31**



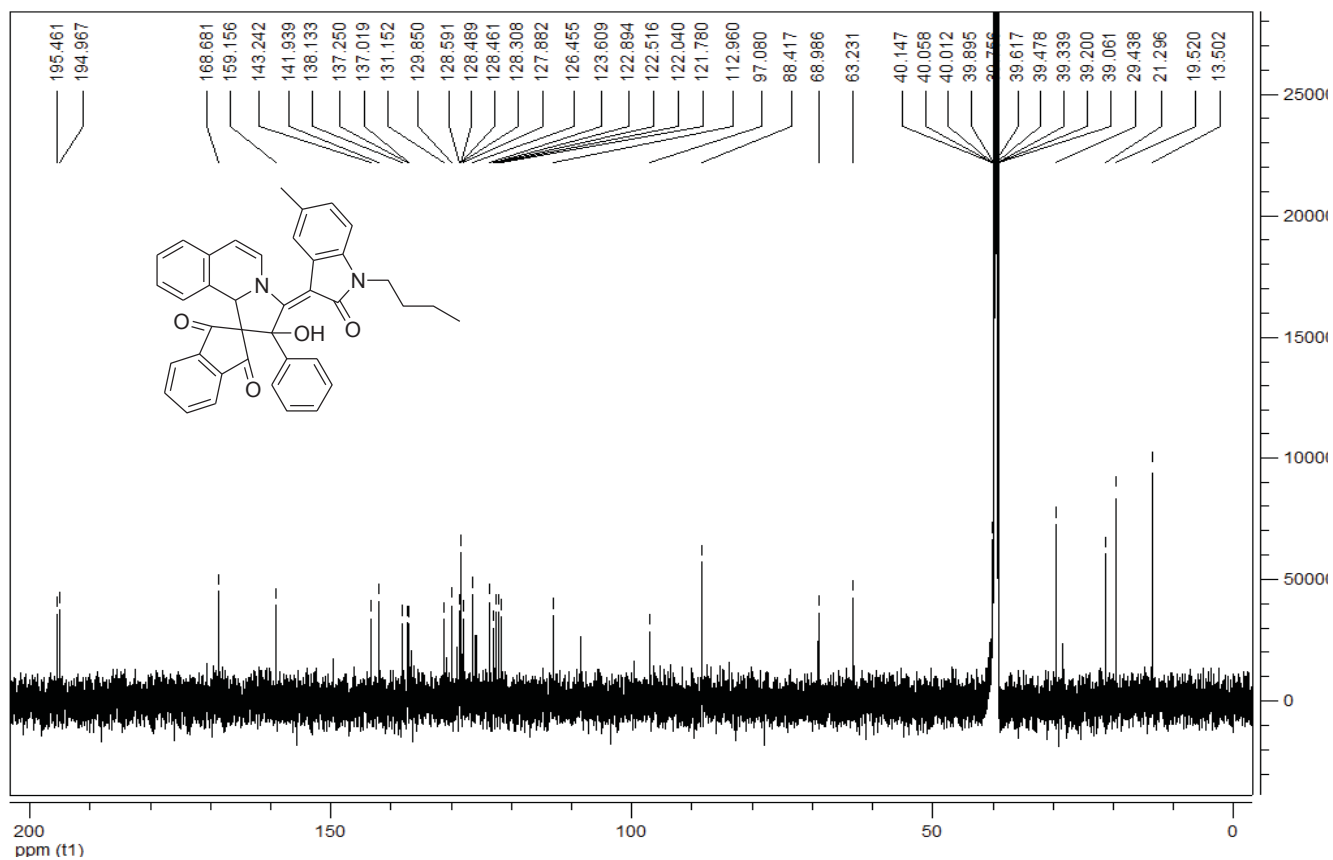
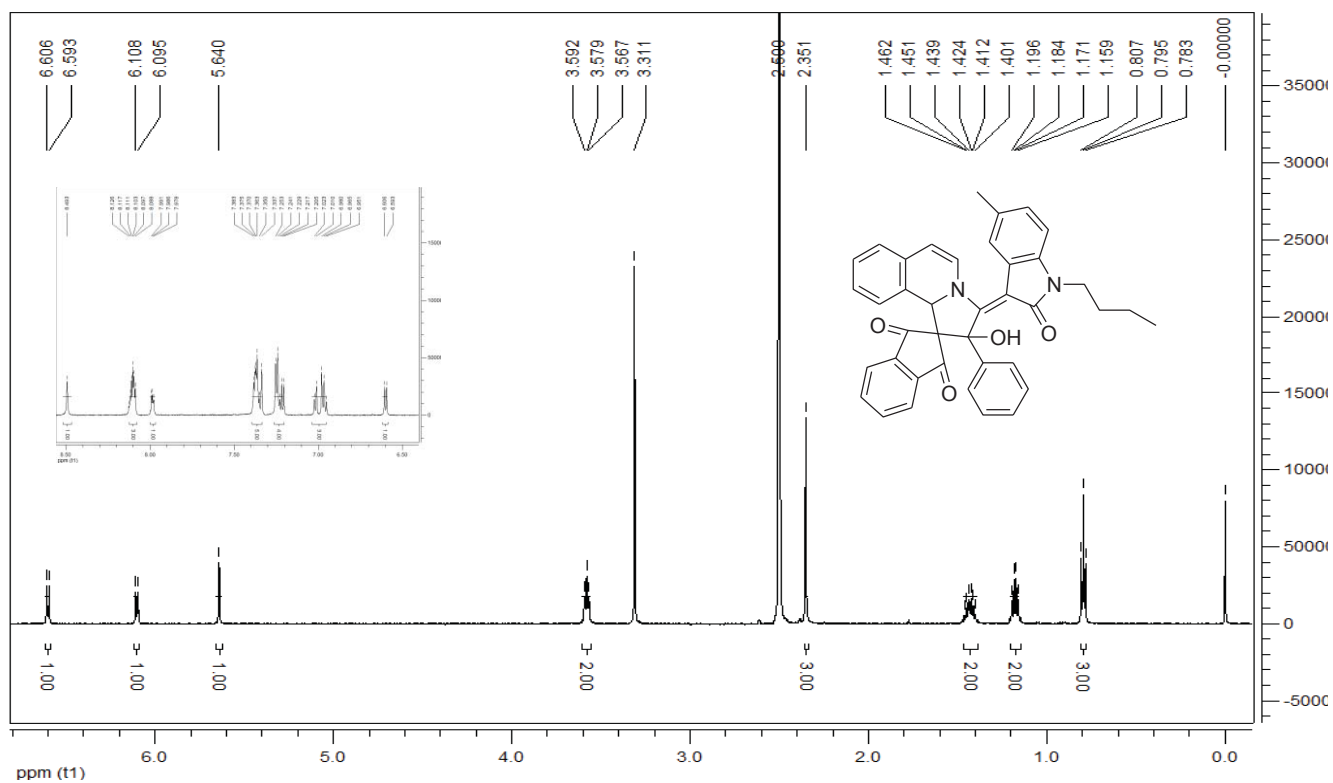
**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3m**



**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3n**

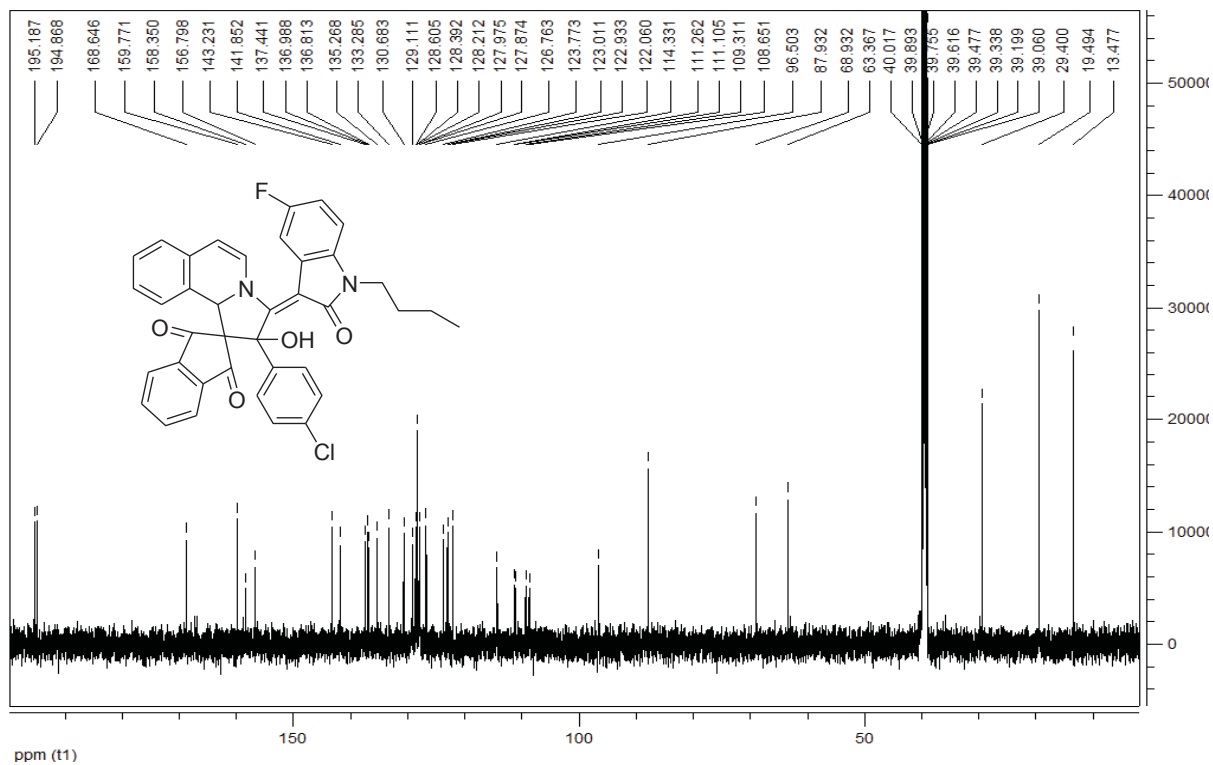
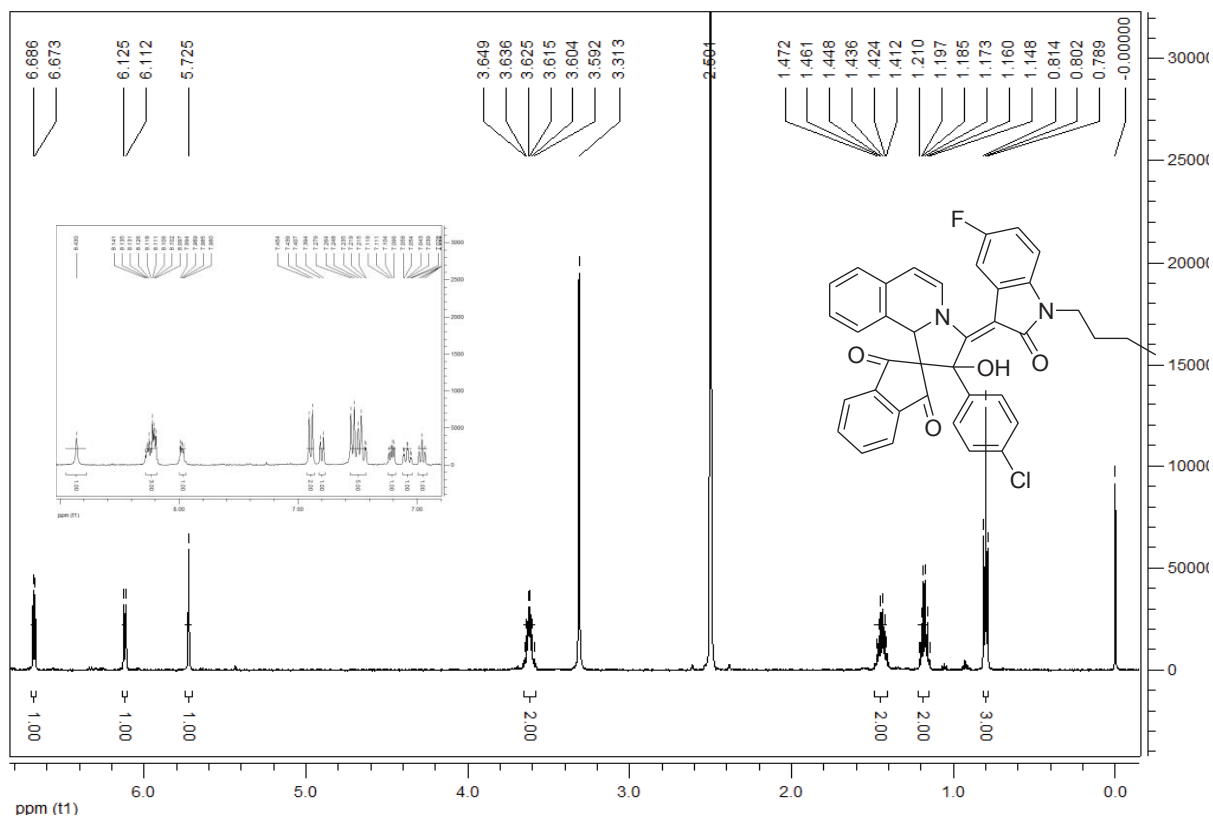


**2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3o**



2'-Isatylidene spiro[indan-2,1'-pyrrolo[2,1-a]isoquinoline] 3p





2'-acnaphthylidene spiro[indoline-2,1'-pyrrolo[2,1-a]isoquinolines] (4a)



