Supplementary Data

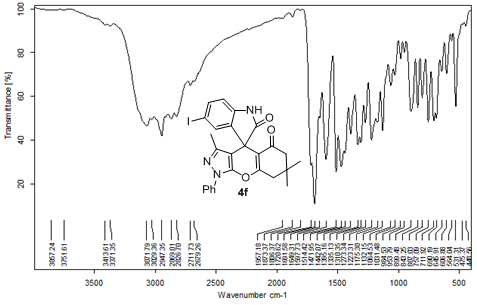
**One-pot Synthesis of Spiro[chromeno[2,3-*c*]pyrazole-4,3´-indoline]-diones using Sulfonic Acid Functionalized Nanoporous Silica SBA-Pr-SO3H** **and Study of Their Antimicrobial Properties**

**Ghodsi Mohammadi Ziarani1[[1]](#footnote-2)\*, Razieh Moradi1, Negar Lashgari2,Alireza Badiei2 and Ali Abolhassani Soorki3**

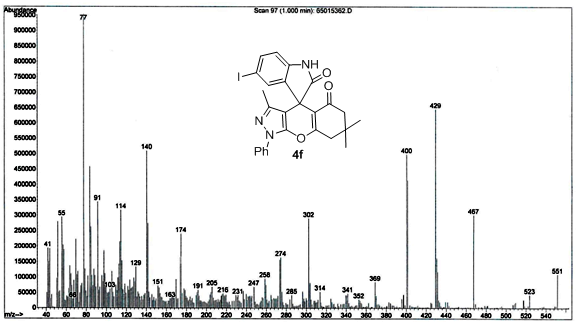
*1 Department of Chemistry, Alzahra University, P.O. Box 1993891176, Tehran, Iran*

*2 School of Chemistry, College of Science, University of Tehran, Tehran, Iran*

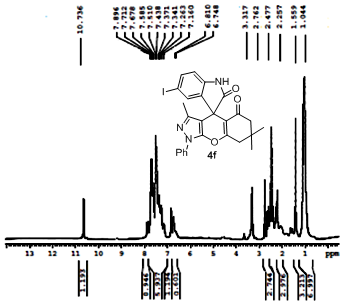
*3 ACECR-Research Institute of Applied Sciences, Shahid Beheshti University, Tehran, Iran*



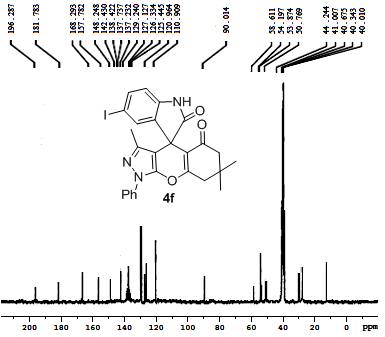
**IR spectrum of compound 4f**



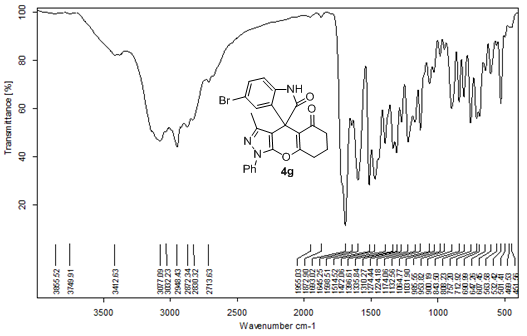
**Mass spectrum of compound 4f**



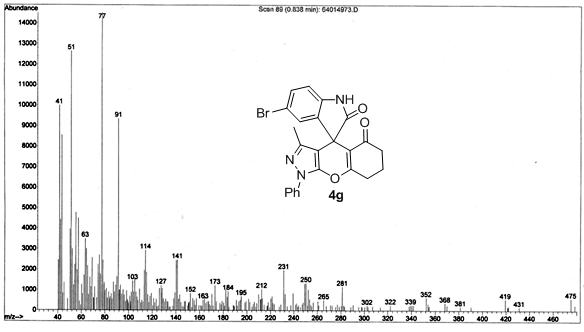
**1H NMR spectrum of compound 4f**



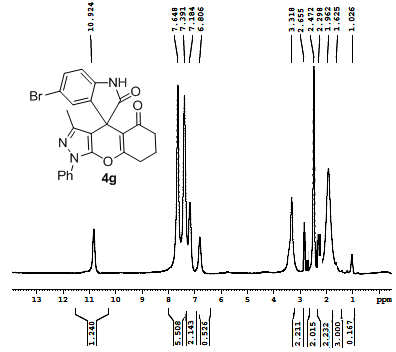
**13C NMR spectrum of compound 4f**



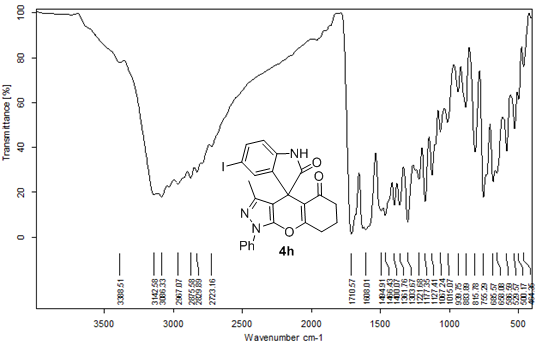
**IR spectrum of compound 4g**



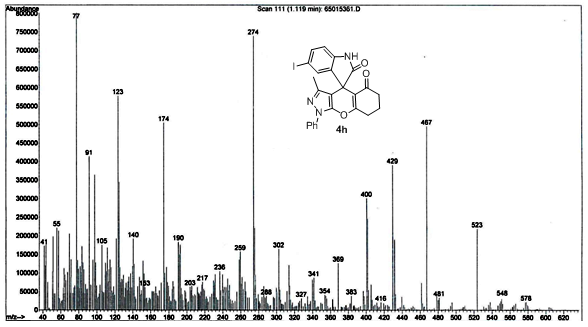
**Mass spectrum of compound 4g**



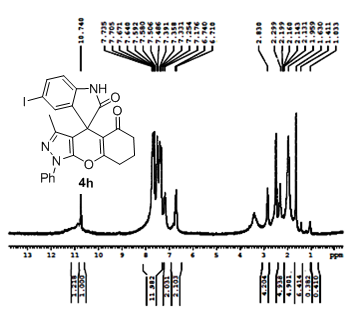
**1H NMR spectrum of compound 4g**



**IR spectrum of compound 4h**



**Mass spectrum of compound 4h**



**1H NMR spectrum of compound 4h**

**13C NMR spectrum of compound 4h**

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