

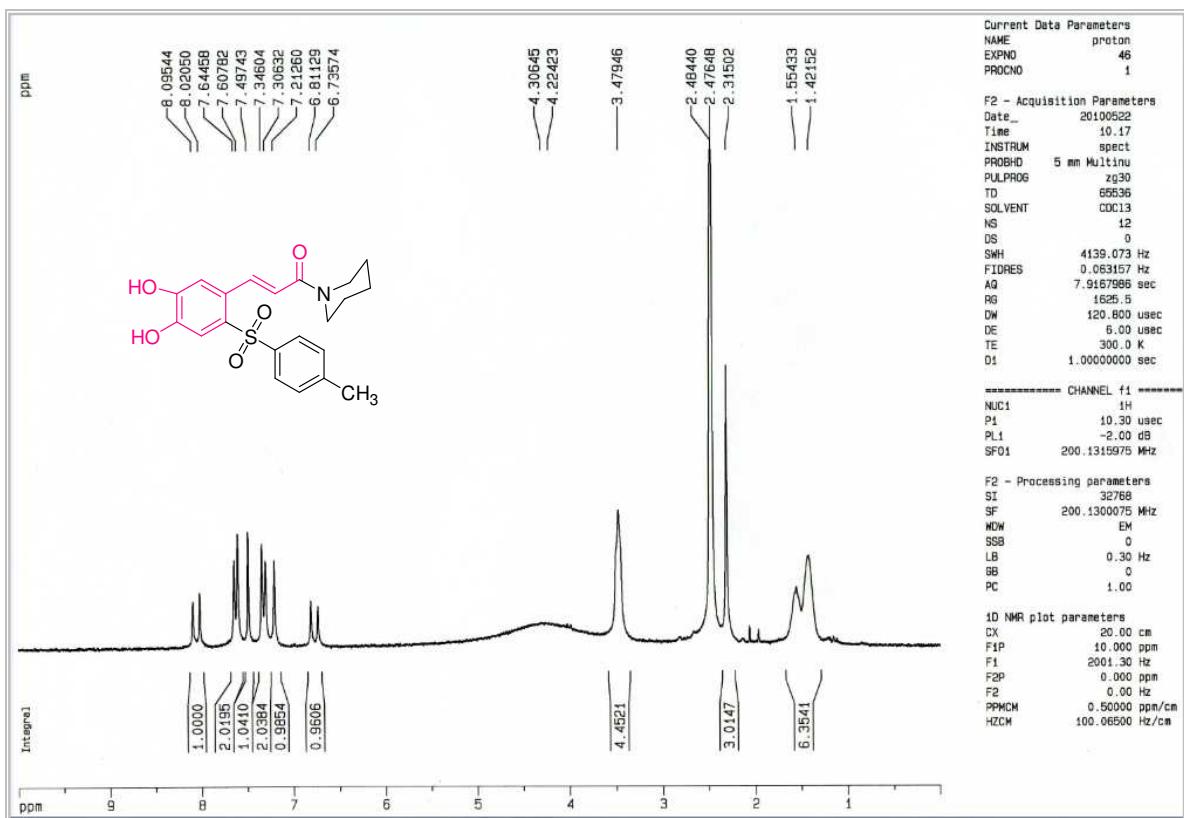
**Supporting Information**

**Direct electrosynthesis of a series of novel caffeic acid analogues through  
a clean and serendipitous domino oxidation/thia-Michael reaction**

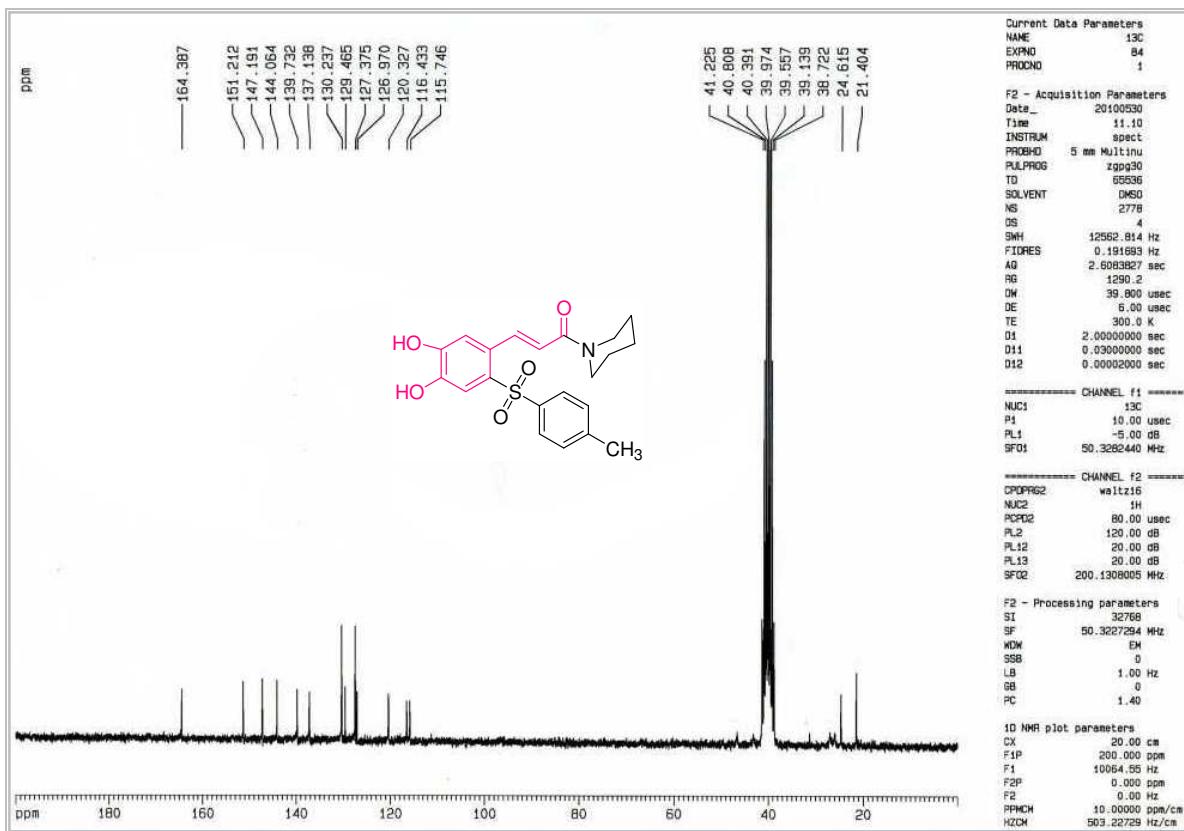
A. Alizadeh<sup>\*a,b</sup>, M. M. Khodaei<sup>a</sup>, M. Fakhari<sup>a</sup> and M. Shamsuddin<sup>b</sup>

<sup>a</sup> Department of Organic Chemistry, Faculty of Chemistry and Nanoscience & Nanotechnology Research Center (NNRC), Razi University, Kermanshah, 67149 Iran; Phone: (98) 831 4274562 (Ext. 300); Fax: (98) 831 4274559; Email: [ahalizadeh2@hotmail.com](mailto:ahalizadeh2@hotmail.com);

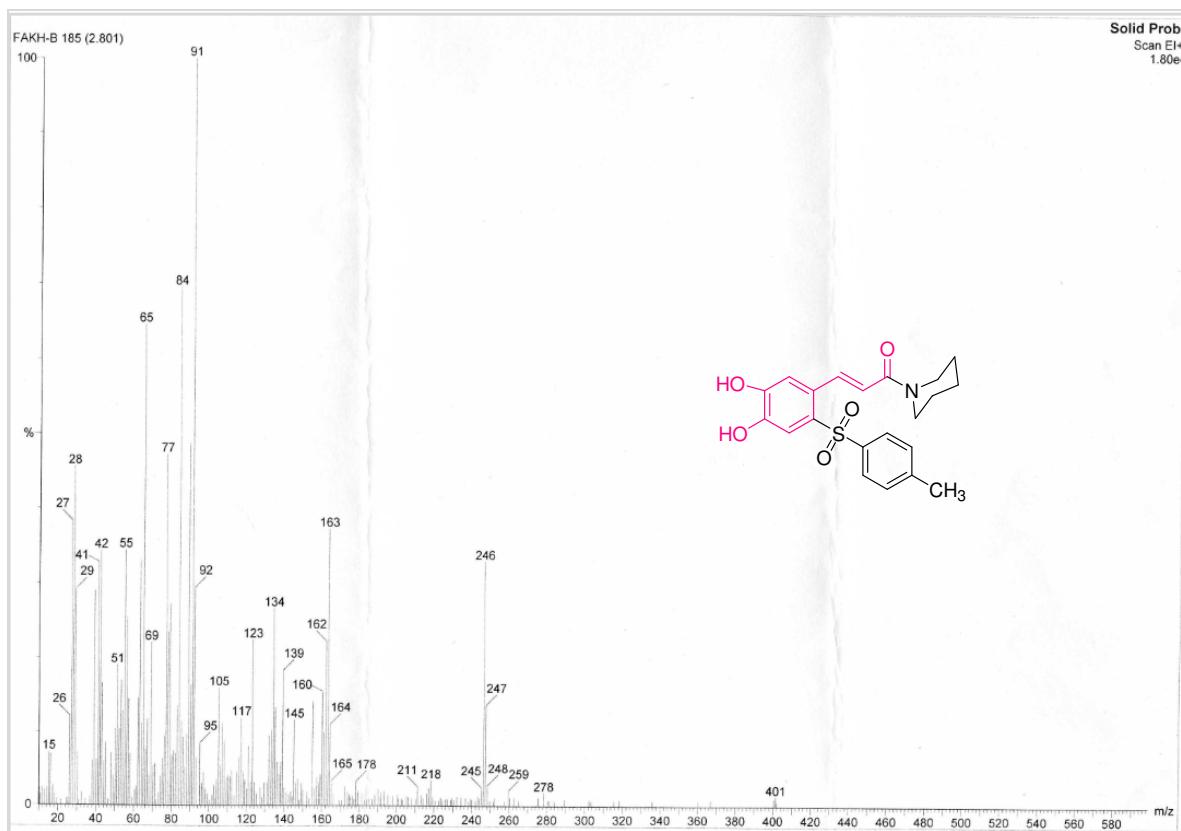
<sup>b</sup> Ibnu Sina Institute for Fundamental Science Studies, Universiti Teknologi Malaysia, 81310 UTM, Johor Baharu, Johor, Malaysia



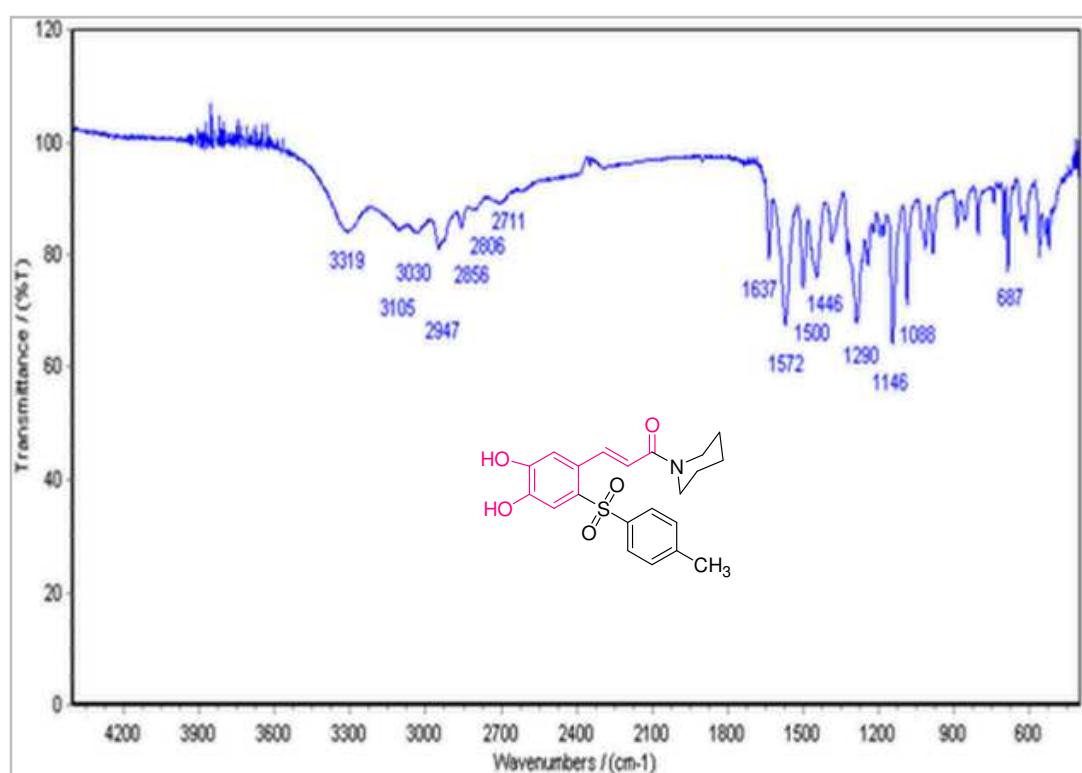
**Figure S-1.**  $^1\text{H}$  NMR spectrum of compound **5a** in DMSO-d<sub>6</sub>



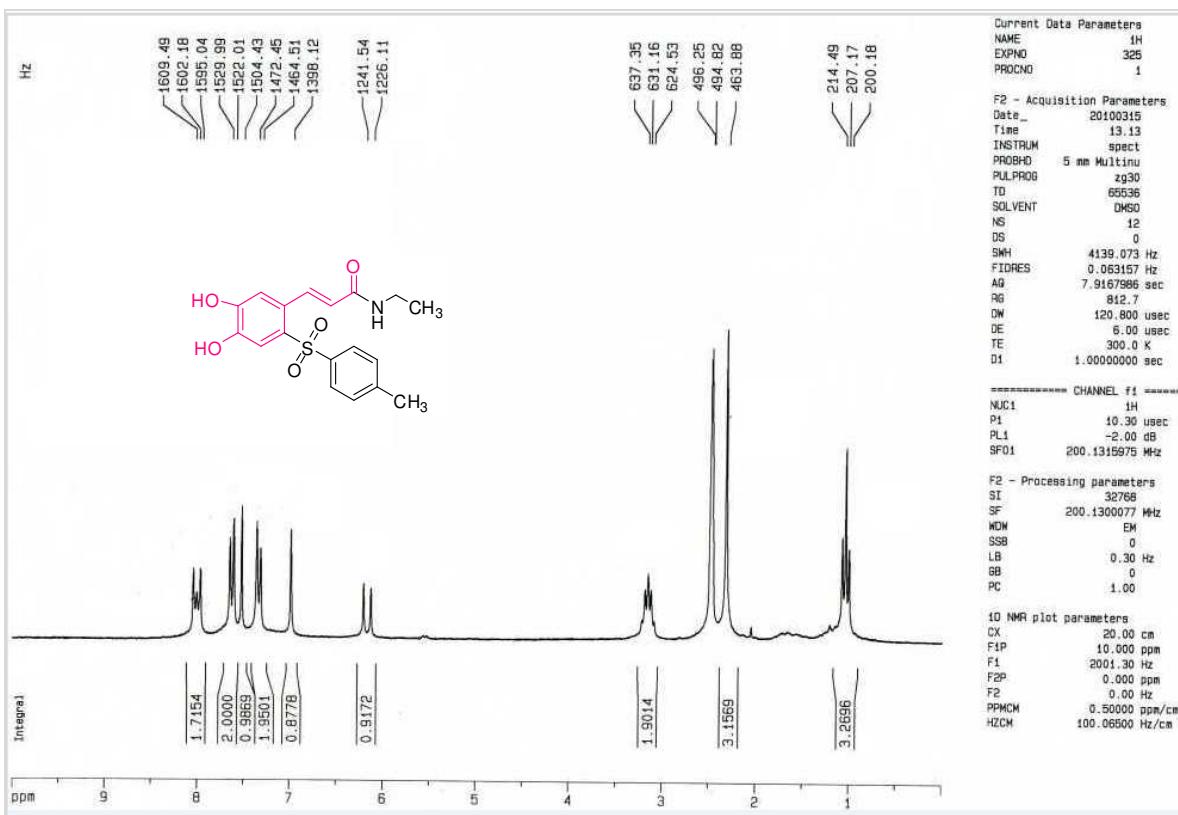
**Figure S-2.**  $^{13}\text{C}$  NMR spectrum of compound **5a** in DMSO-d<sub>6</sub>



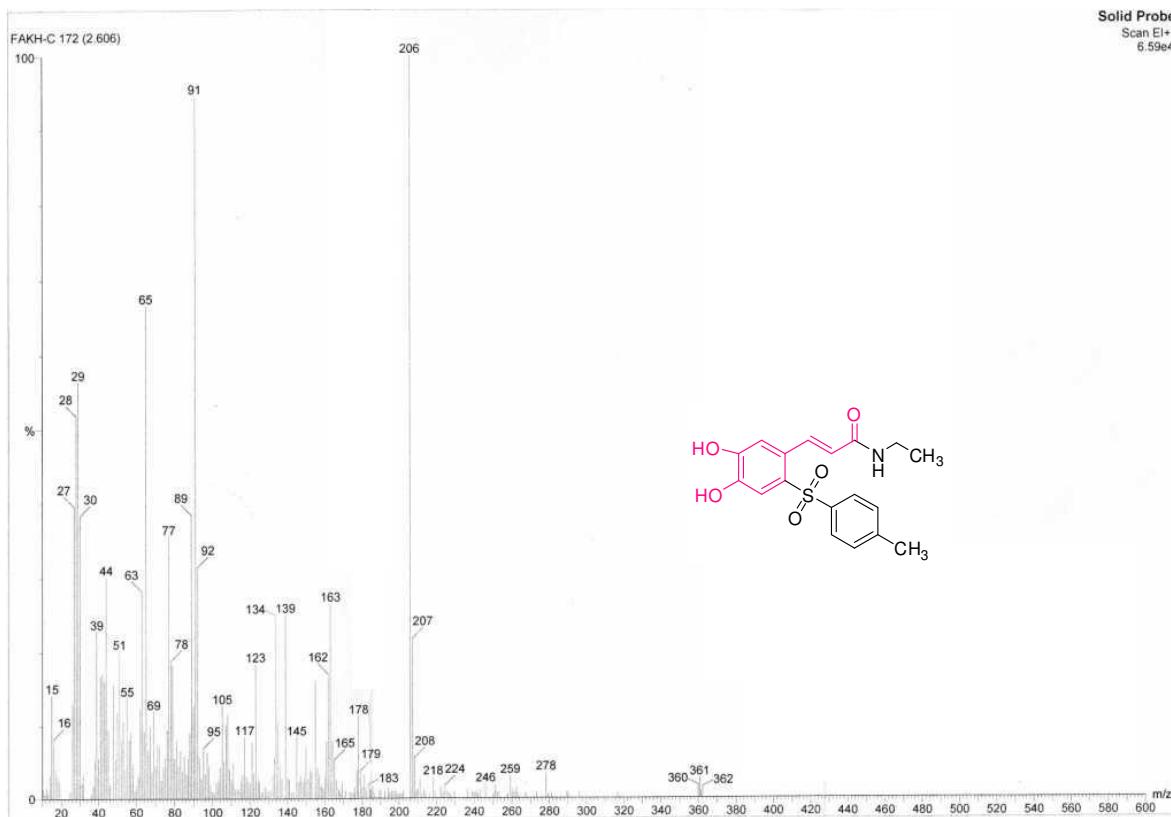
**Figure S-3.** Mass spectrum of compound **5a**



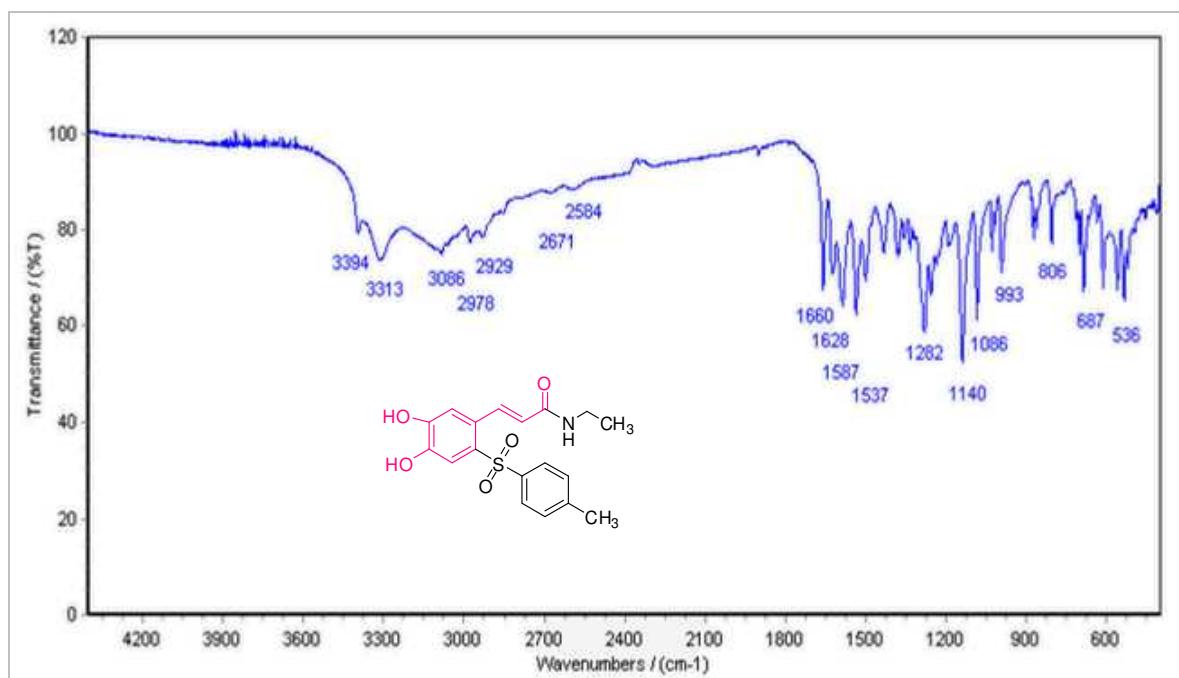
**Figure S-4.** FT-IR spectrum of compound **5a**



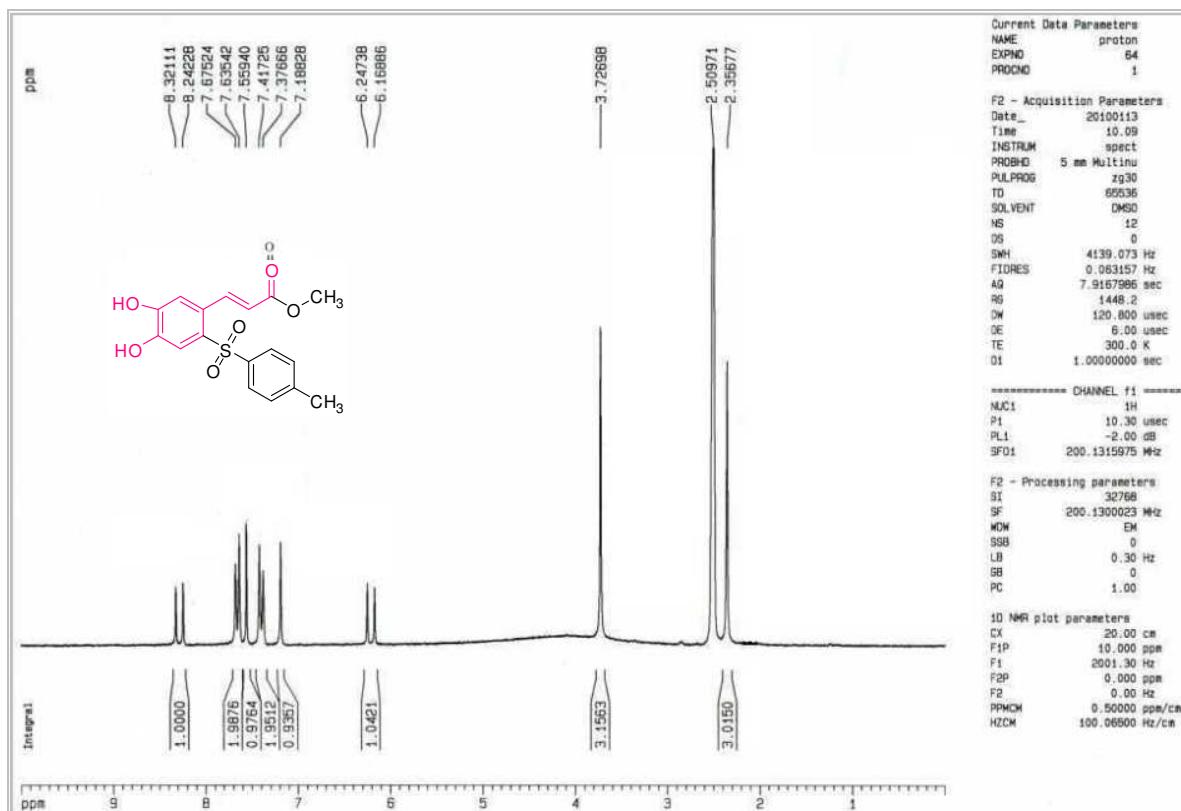
**Figure S-5**  $^1\text{H}$  NMR spectrum of compound **5b** in DMSO-d<sub>6</sub>



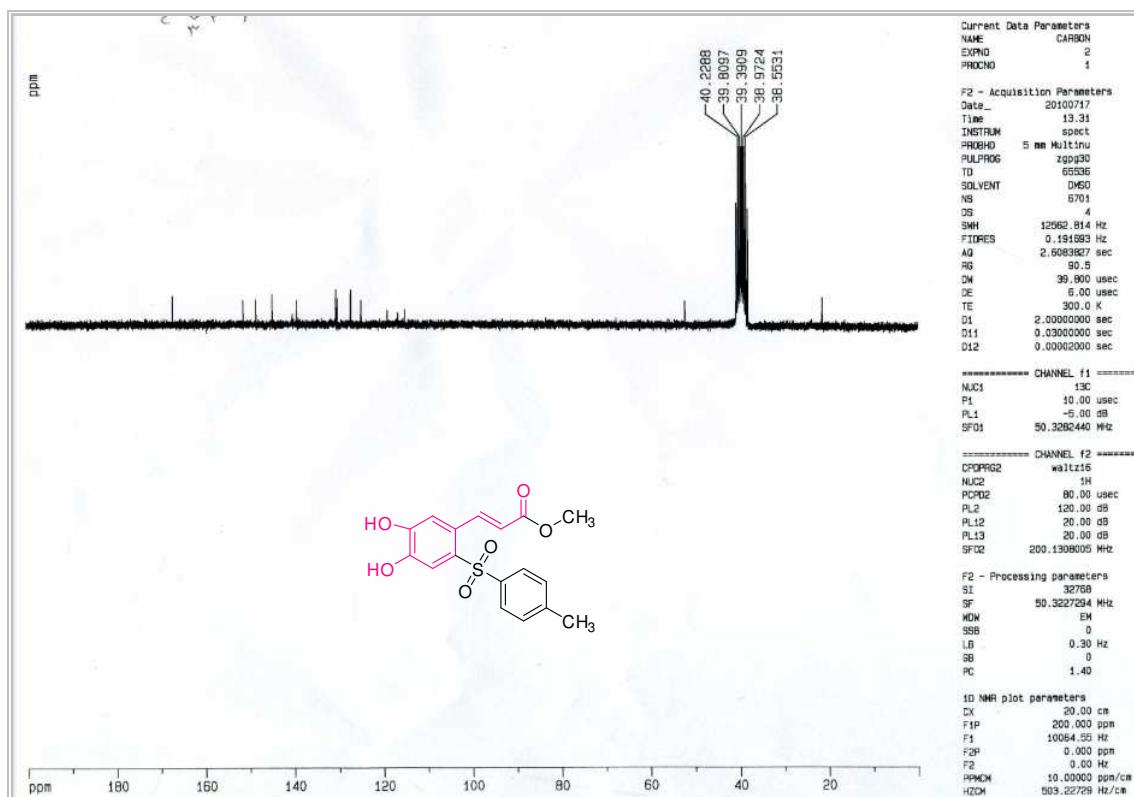
**Figure S-6.** Mass spectrum of compound **5b**



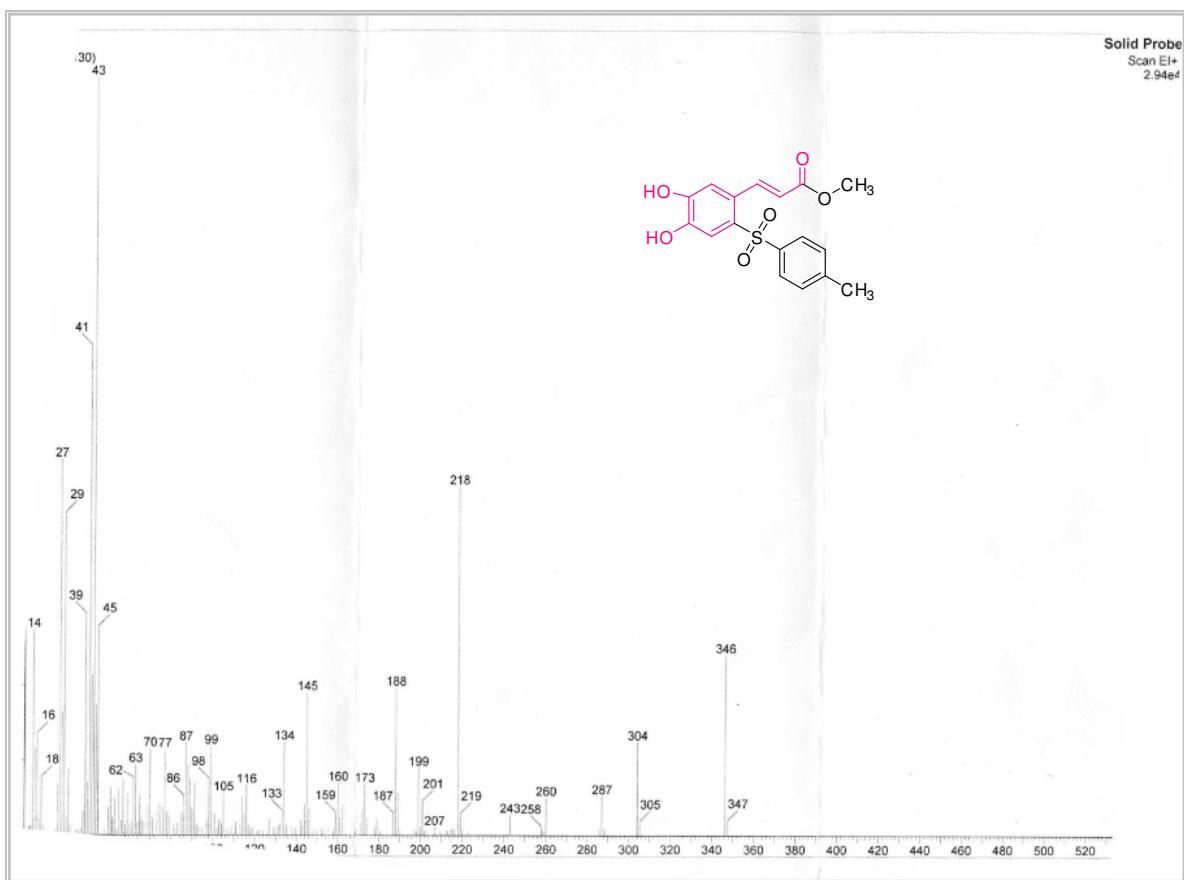
**Figure S-7.** FT-IR spectrum of compound **5b**



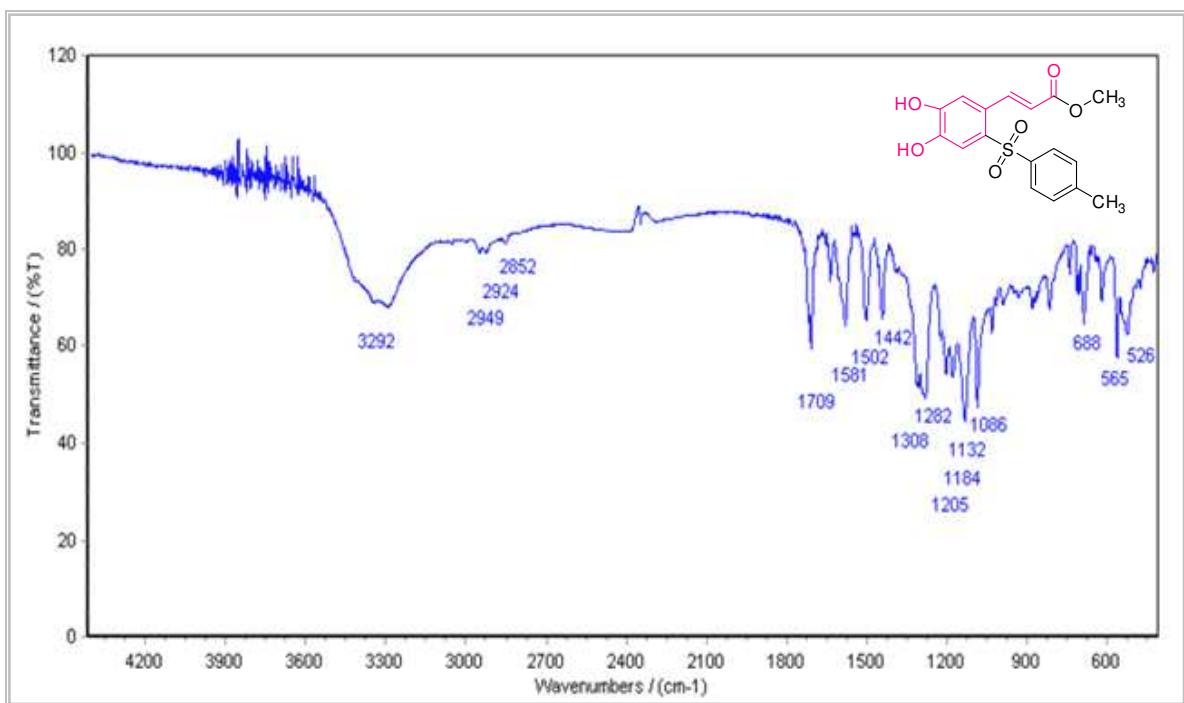
**Figure S-8.**  $^1\text{H}$  NMR spectrum of compound **5c** in  $\text{DMSO-d}_6$



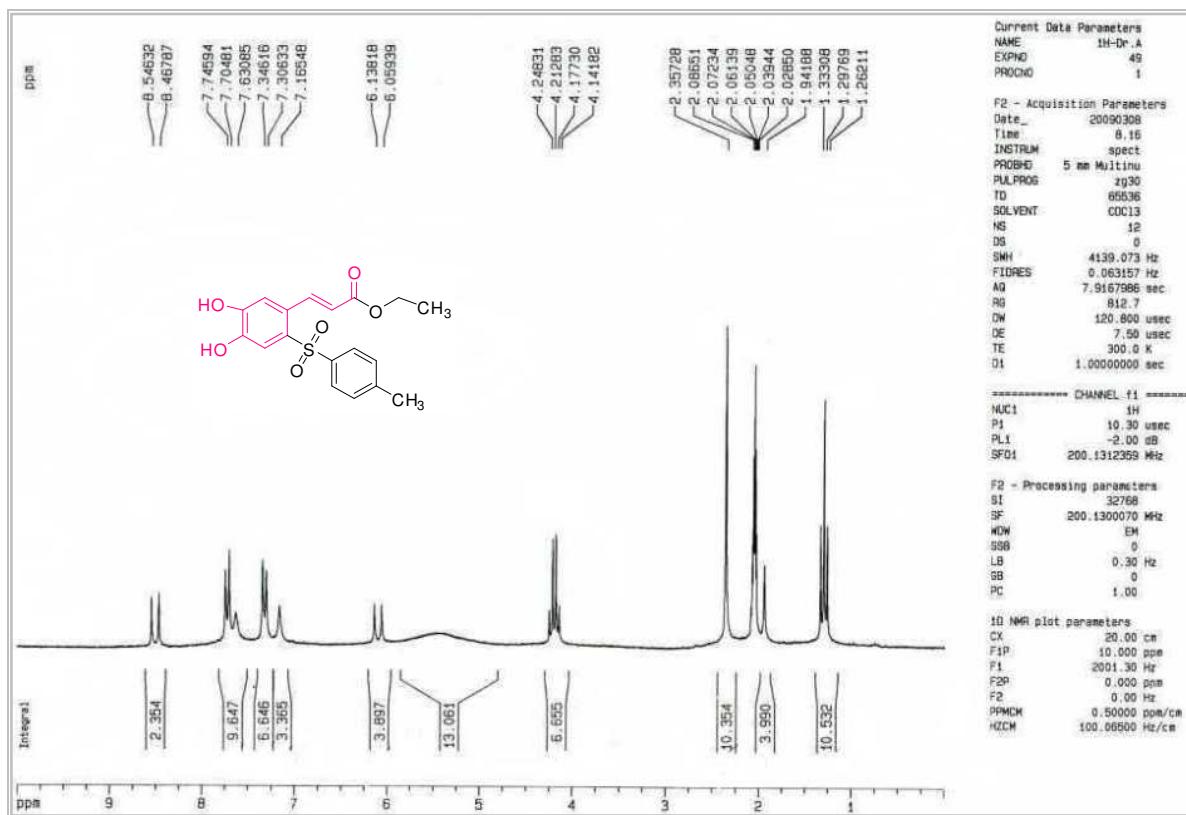
**Figure S-9.**  $^{13}\text{C}$  NMR spectrum of compound **5c** in  $\text{DMSO-d}_6$



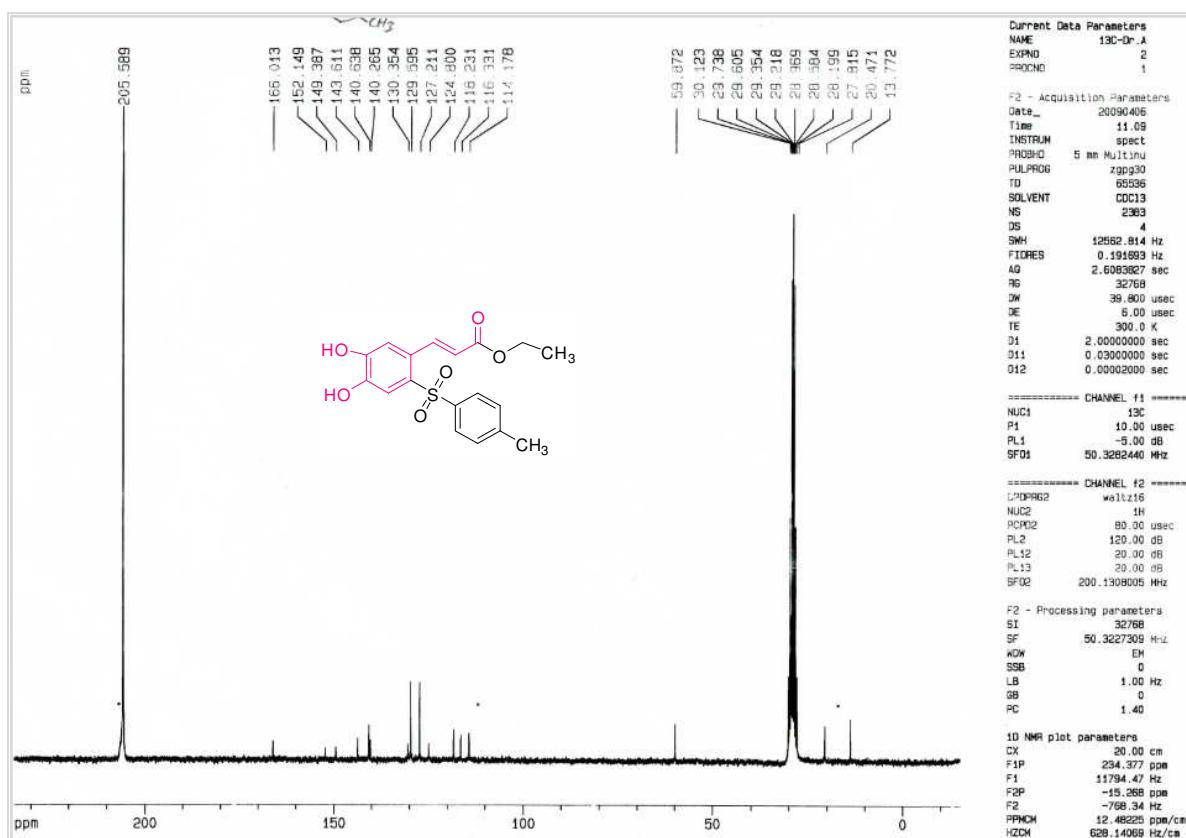
**Figure S-10.** Mass spectrum of compound **5c**



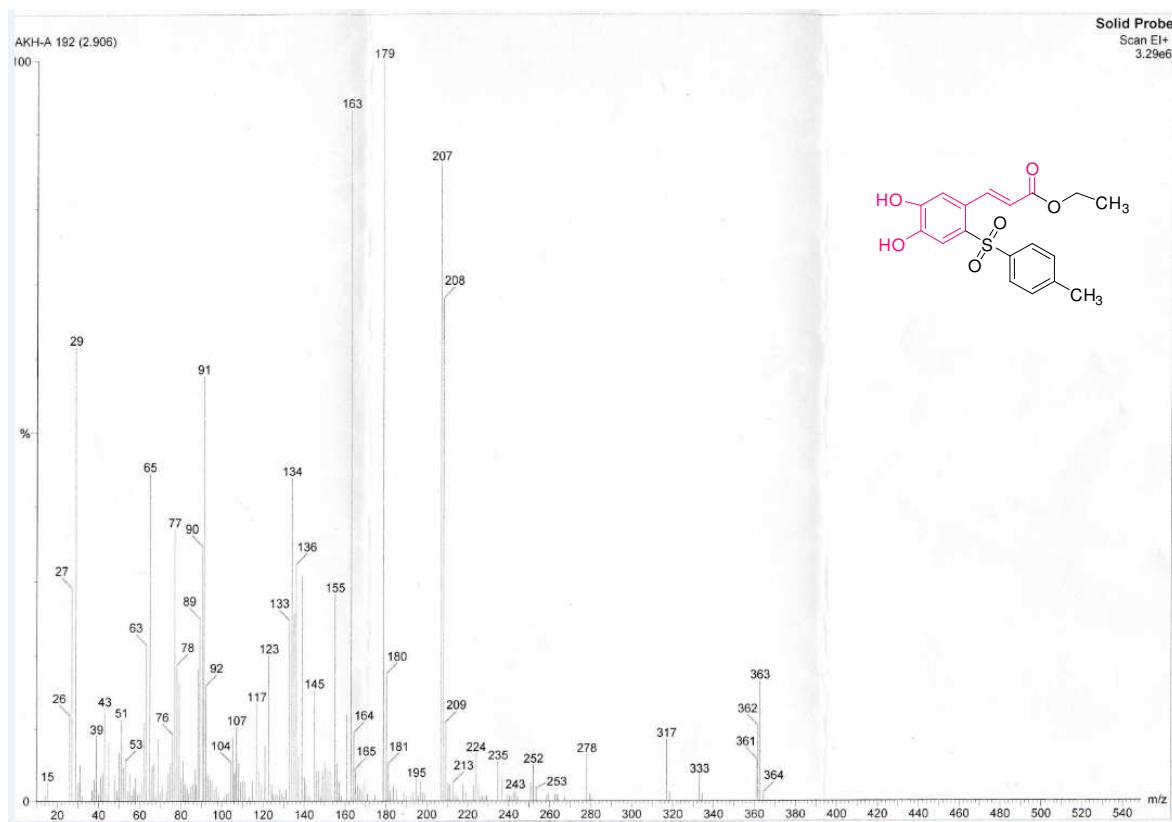
**Figure S-11.** FT-IR spectrum of compound **5c**



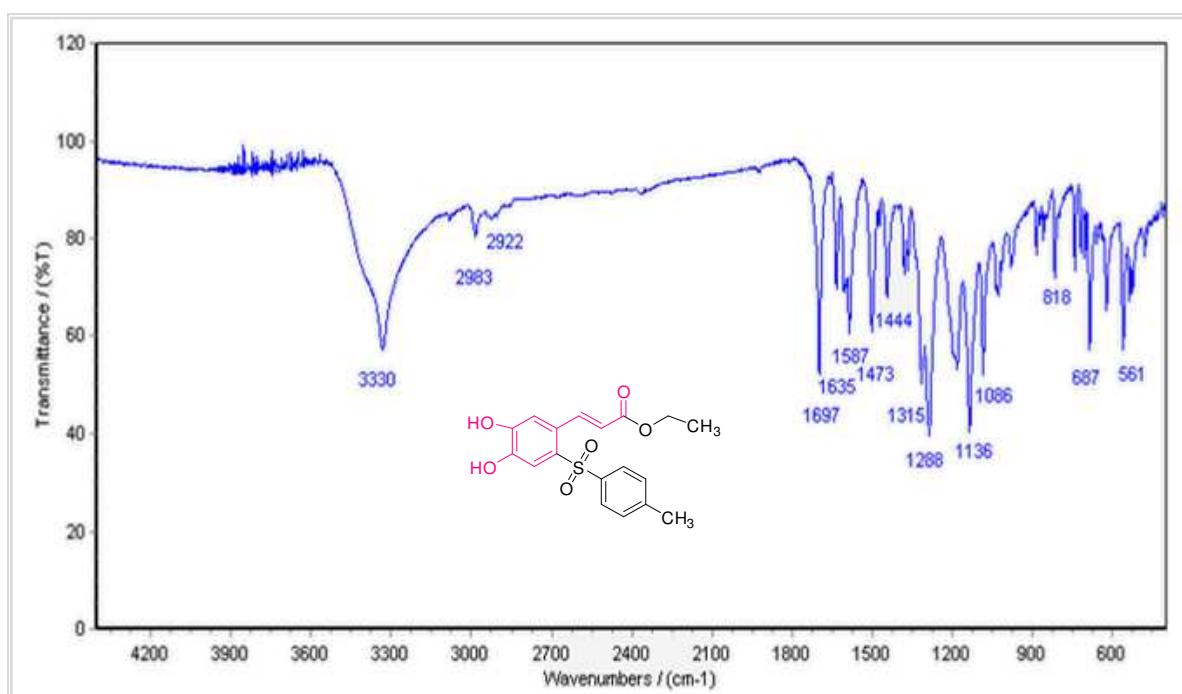
**Figure S-12.**  $^1\text{H}$  NMR spectrum of compound **5d** in acetone-d<sub>6</sub>



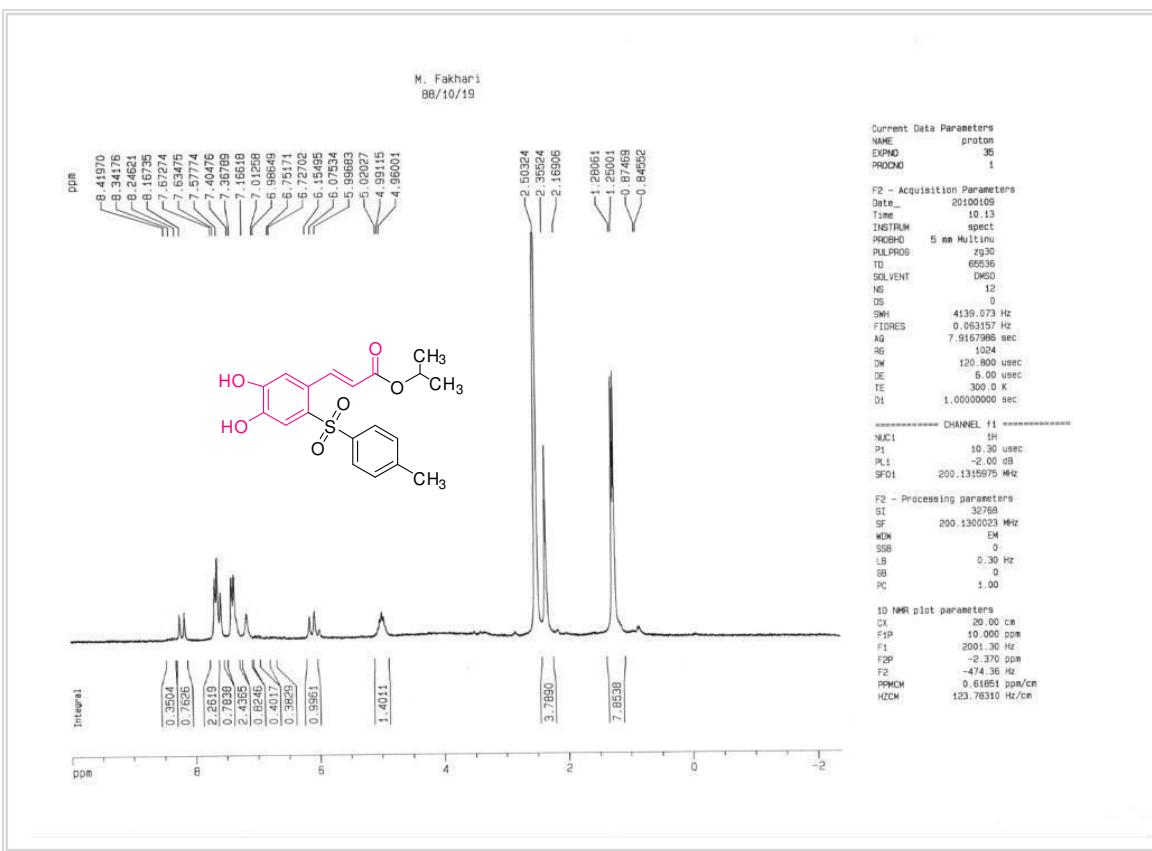
**Figure S-13.**  $^{13}\text{C}$  NMR spectrum of compound **5d** in acetone-d<sub>6</sub>



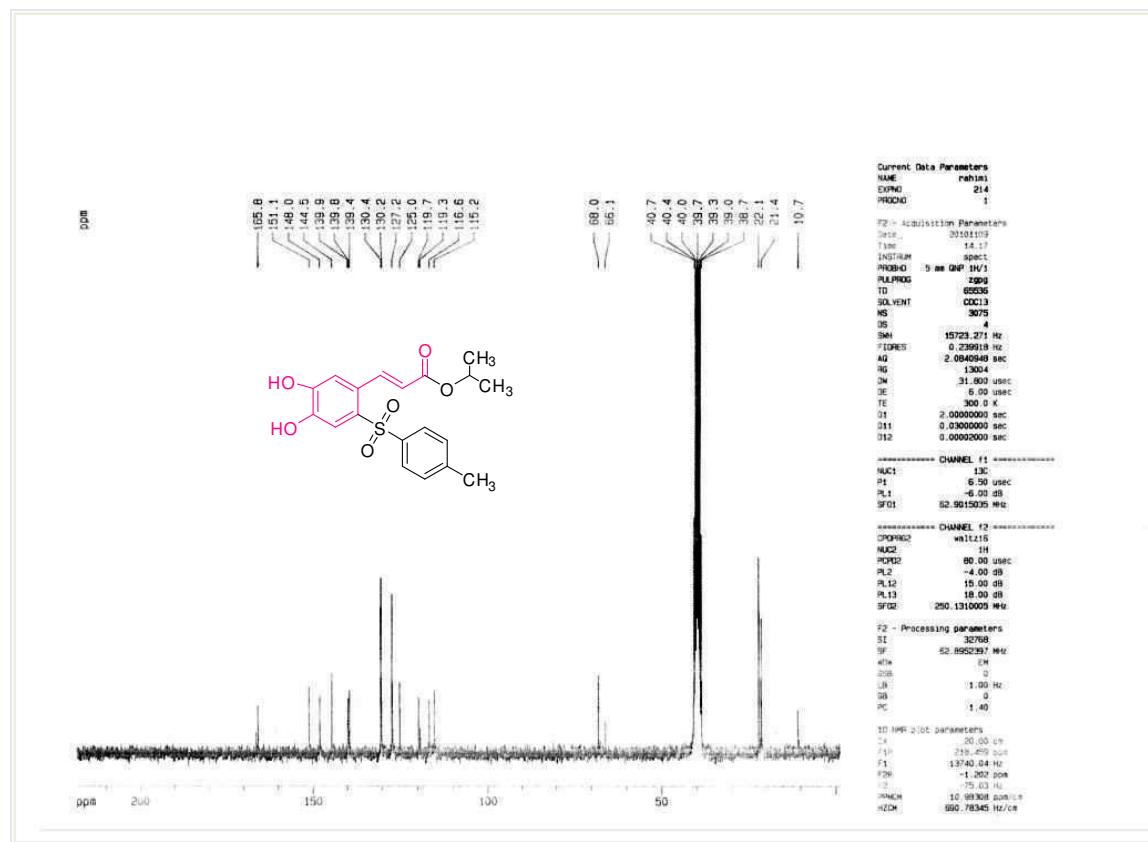
**Figure S-14.** Mass spectrum of compound **5d**



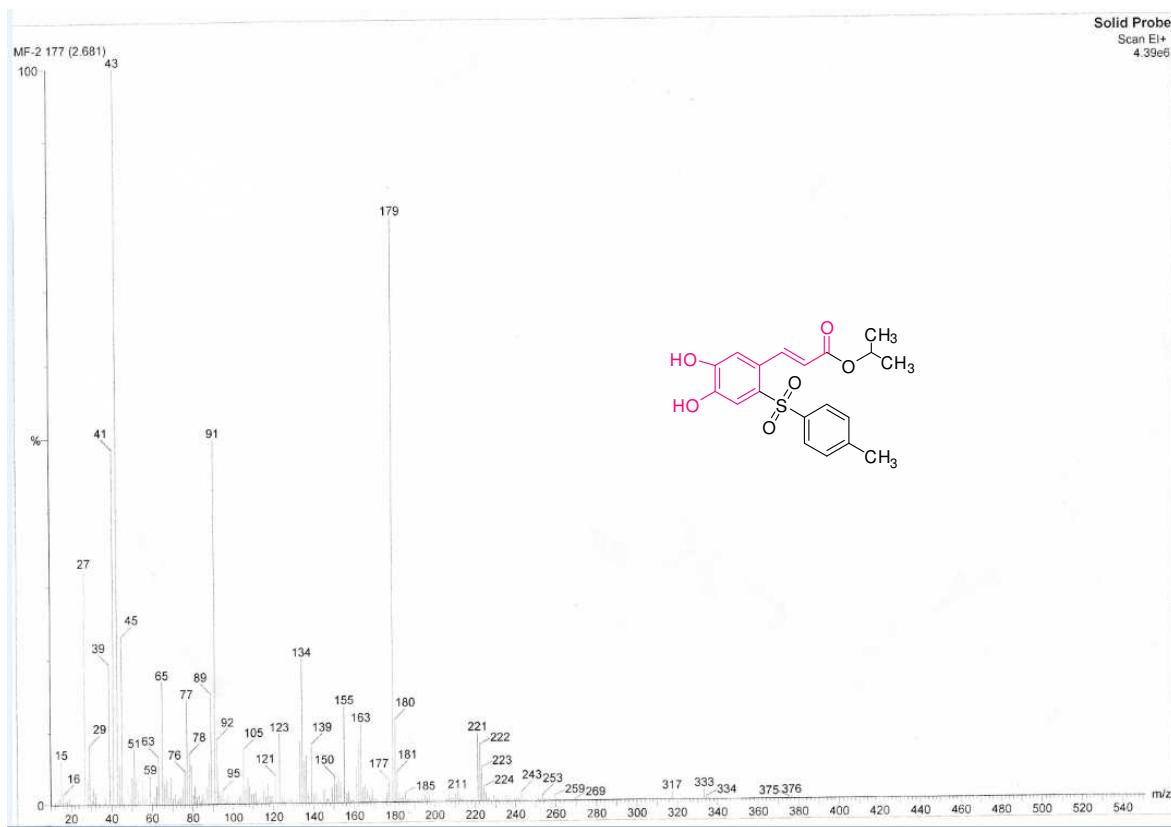
**Figure S-15.** FT-IR spectrum of compound **5d**



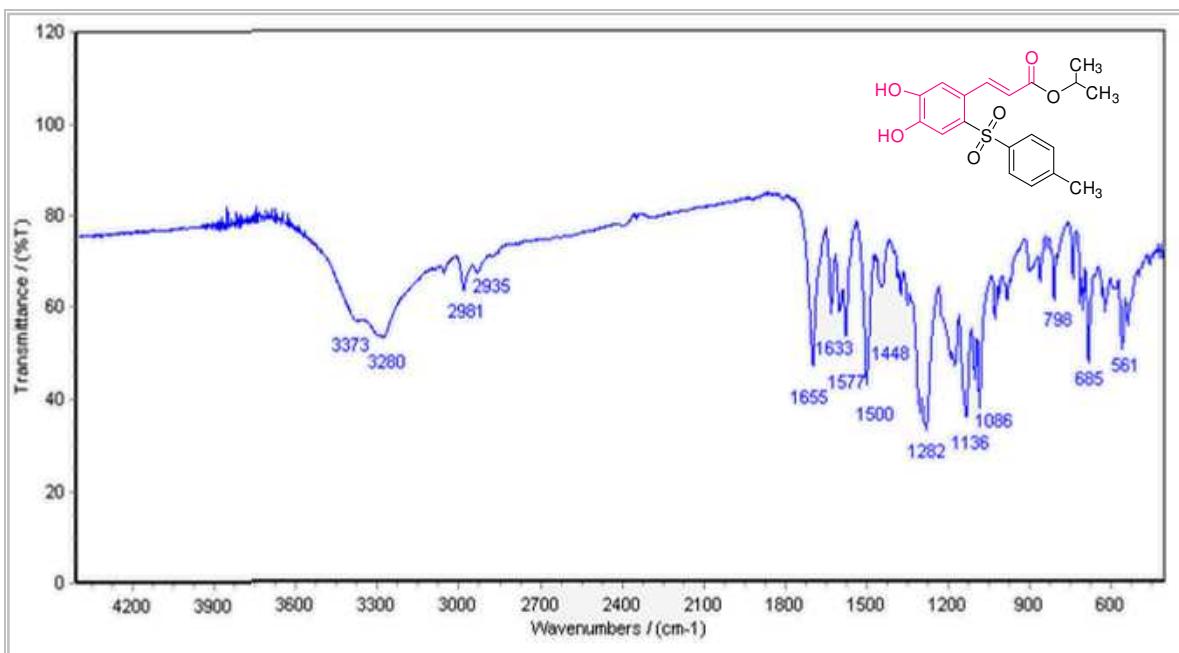
**Figure S-16.**  $^1\text{H}$  NMR spectrum of compound **5e** in  $\text{DMSO-d}_6$



**Figure S-17.**  $^{13}\text{C}$  NMR spectrum of compound **5e** in  $\text{DMSO-d}_6$



**Figure S-18.** Mass spectrum of compound **5e**



**Figure S-19.** FT-IR spectrum of compound **5e**