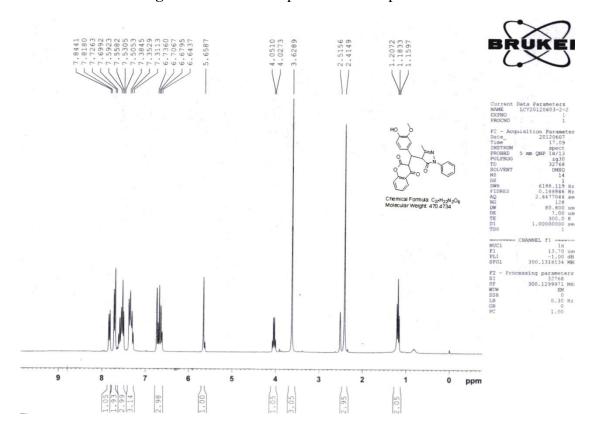
## **Supporting Information**

## Spectra of Representative 4a

Figure S1. 1H-NMR spectrum of compound 4a.



**Figure S2.** <sup>13</sup>C-NMR spectrum of compound **4a**.

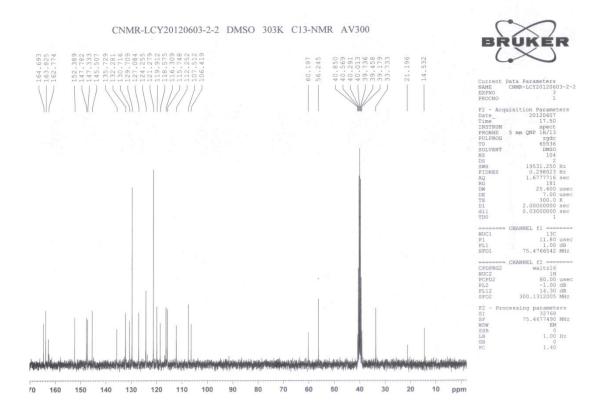
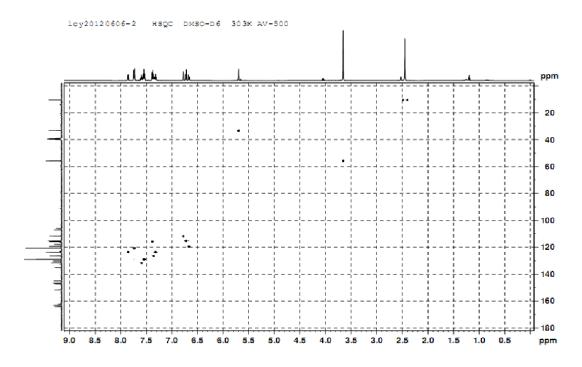
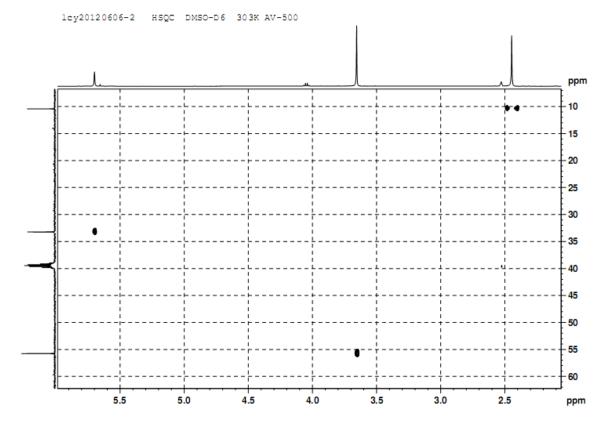


Figure S3. HSQC spectrum of compound 4a.





lcy20120606-2 HSQC DMSO-D6 303K AV-500

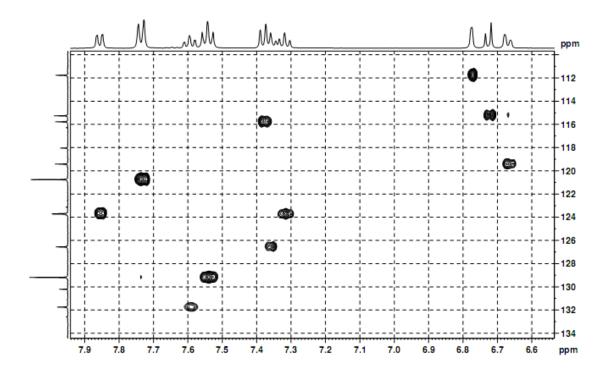
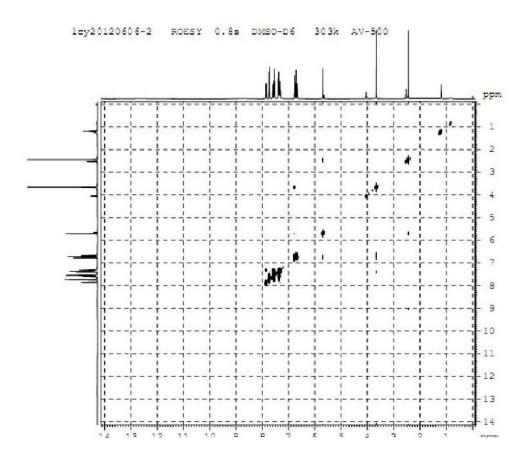
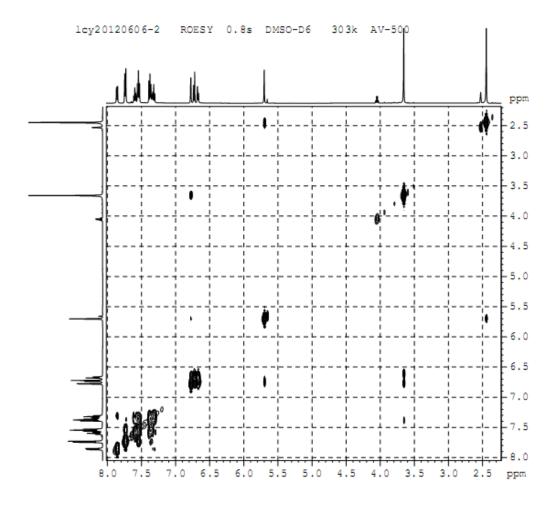


Figure S4. ROESY spectrum of compound 4a.





lcy20120606-2 ROESY 0.8s DMSO-D6 303k AV-500

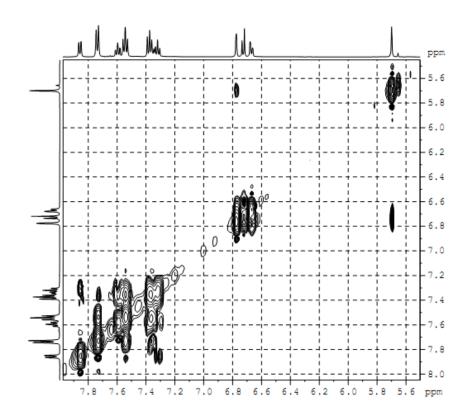


Figure S5. DEPT spectrum of compound 4a.

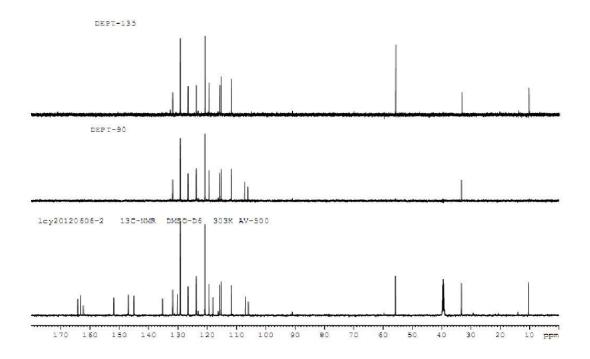
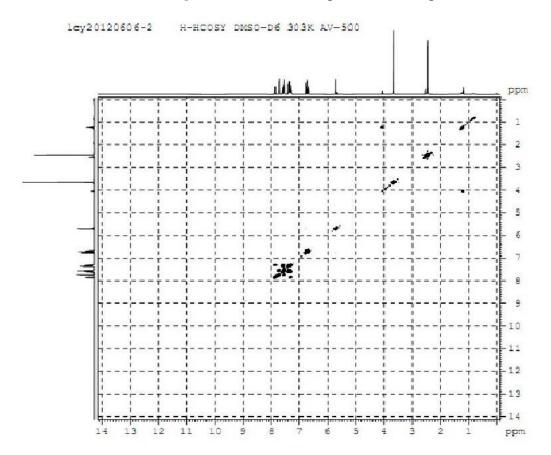


Figure S6. H-H COSY spectrum of compound 4a.



lcy20120606-2 H-HCOSY DMSO-D6 303K AV-500

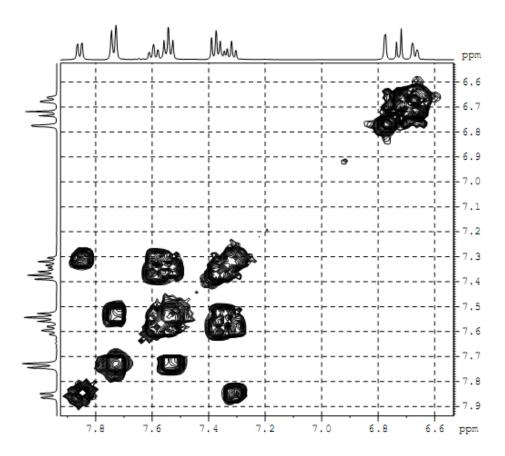
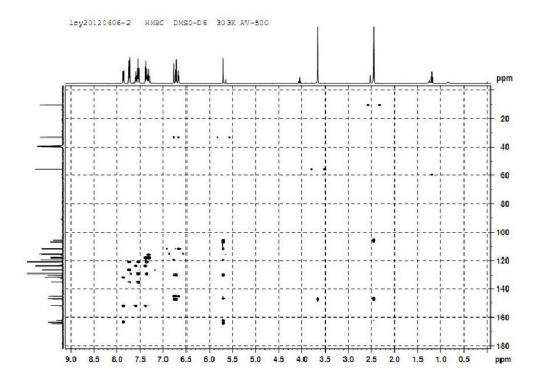
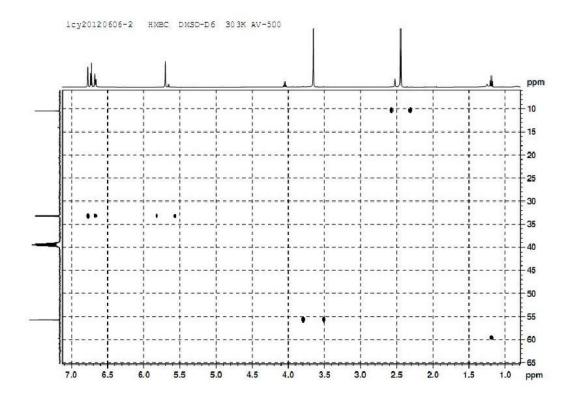
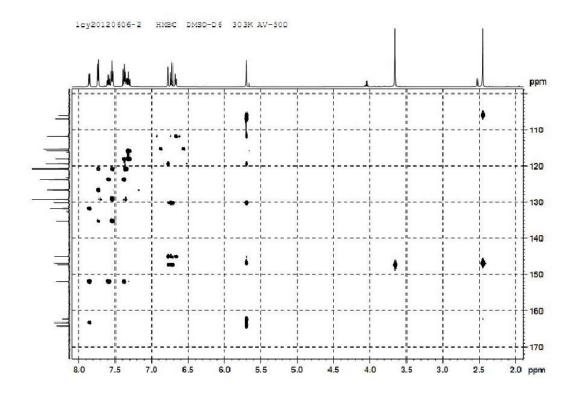


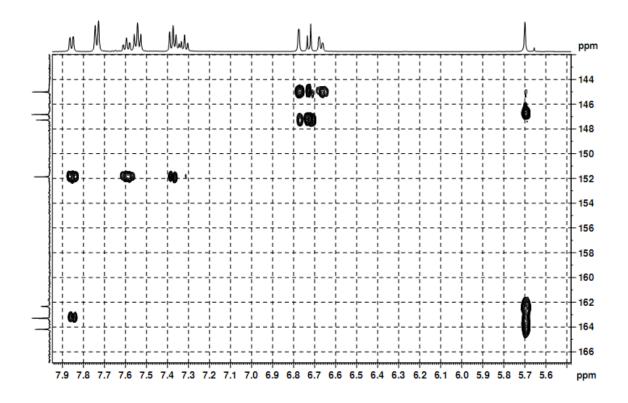
Figure S7. HMBC spectrum of compound 4a.

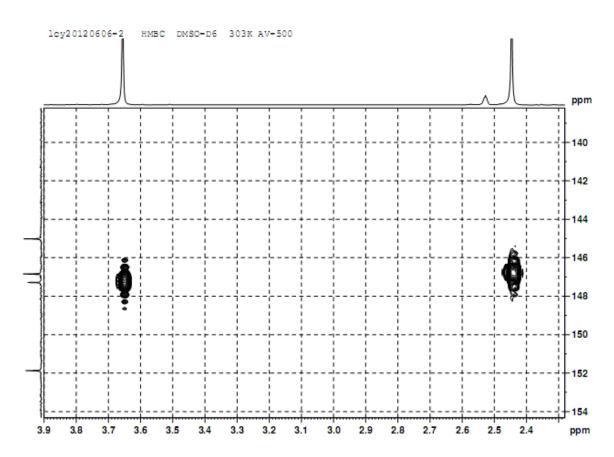






lcy20120606-2 HMBC DMSO-D6 303K AV-500





lcy20120606-2 HMBC DMSO-D6 303K AV-500

