

Synthesis of Spirooxindole-O-Naphthoquinone-Tetrazolo[1,5-*a*]Pyrimidine Hybrids as Potential Anticancer Agents

Liqiang Wu, Yunxia Liu and Yazhen Li

Copy of $^1\text{H-NMR}$, $^{13}\text{C-NMR}$ and HRMS.....2–22

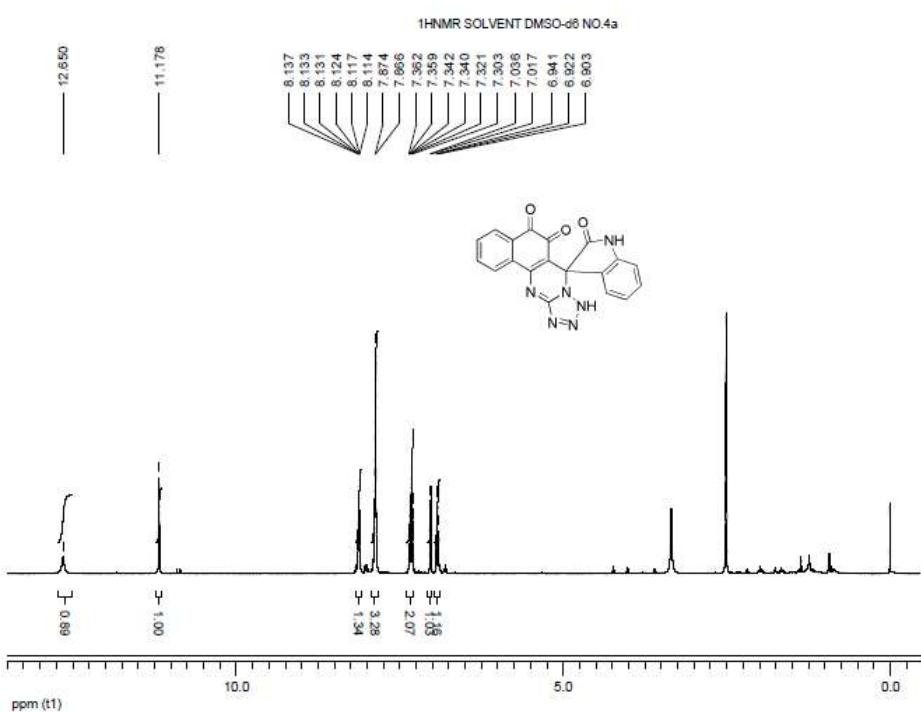


Figure 1. ¹H-NMR of 4a.

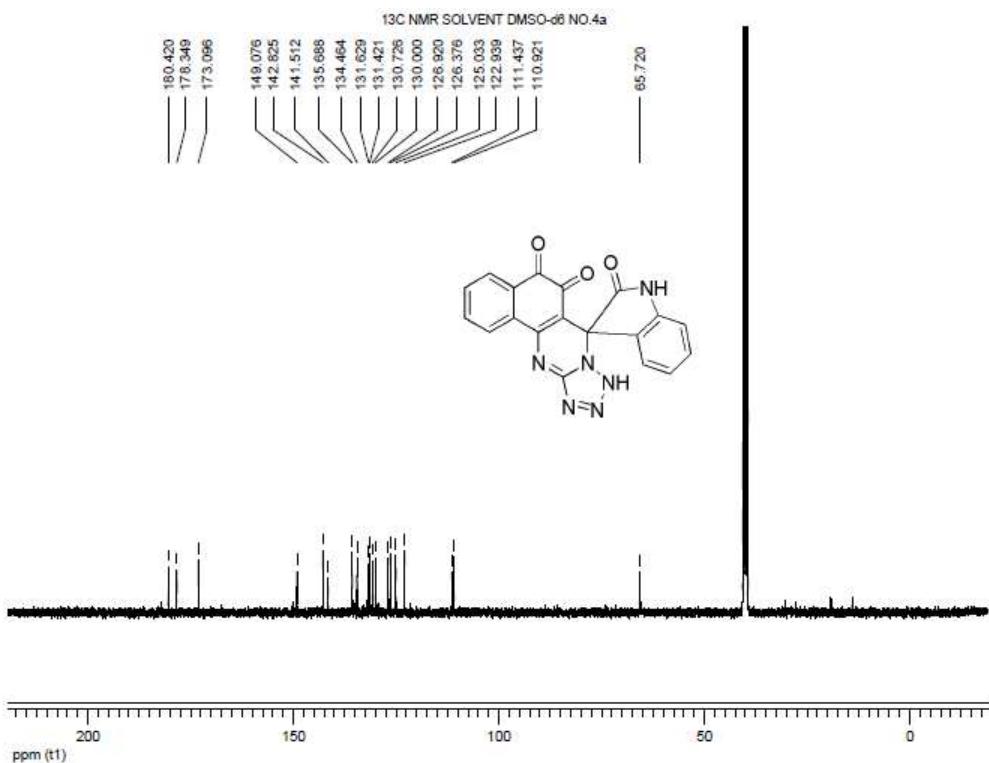


Figure 2. ¹³C-NMR of 4a.

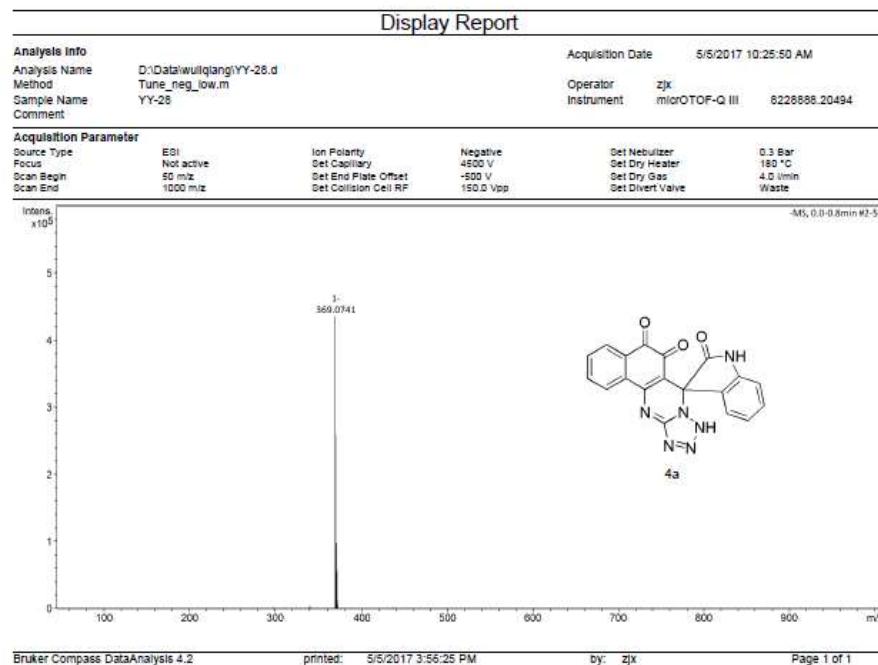


Figure 3. HMRS of 4a.

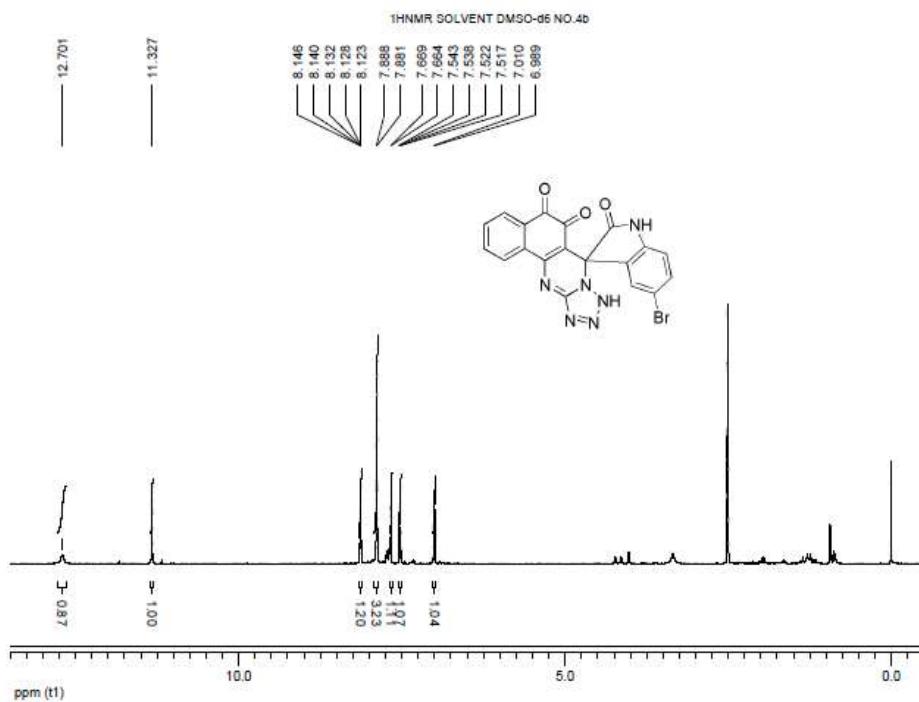


Figure 4. ^1H -NMR of 4b.

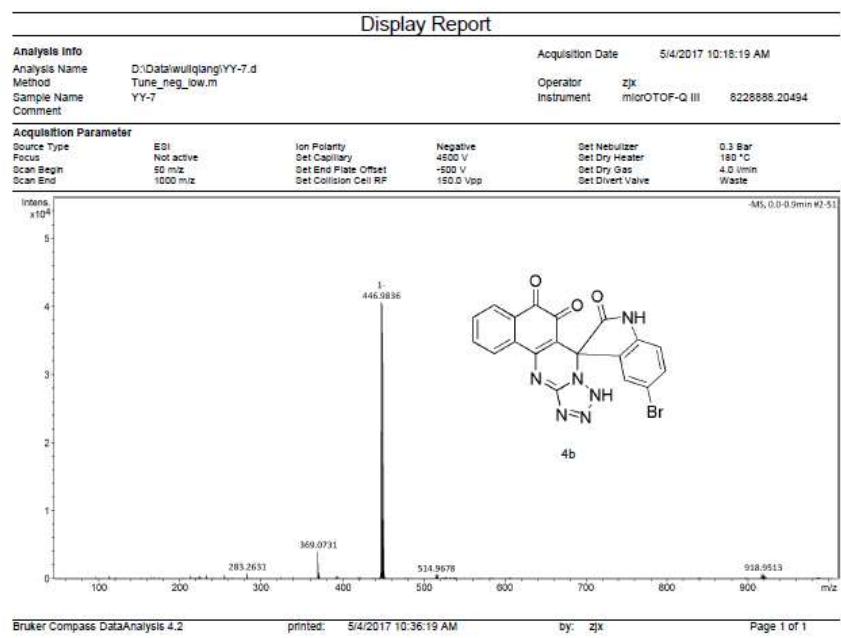
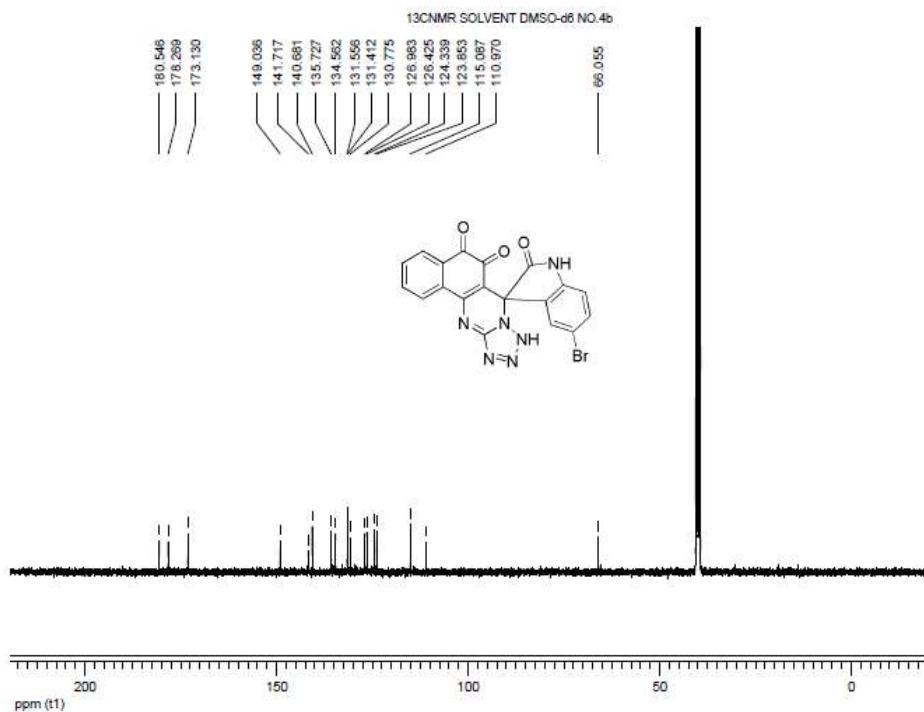


Figure 6. HMRS of 4b.

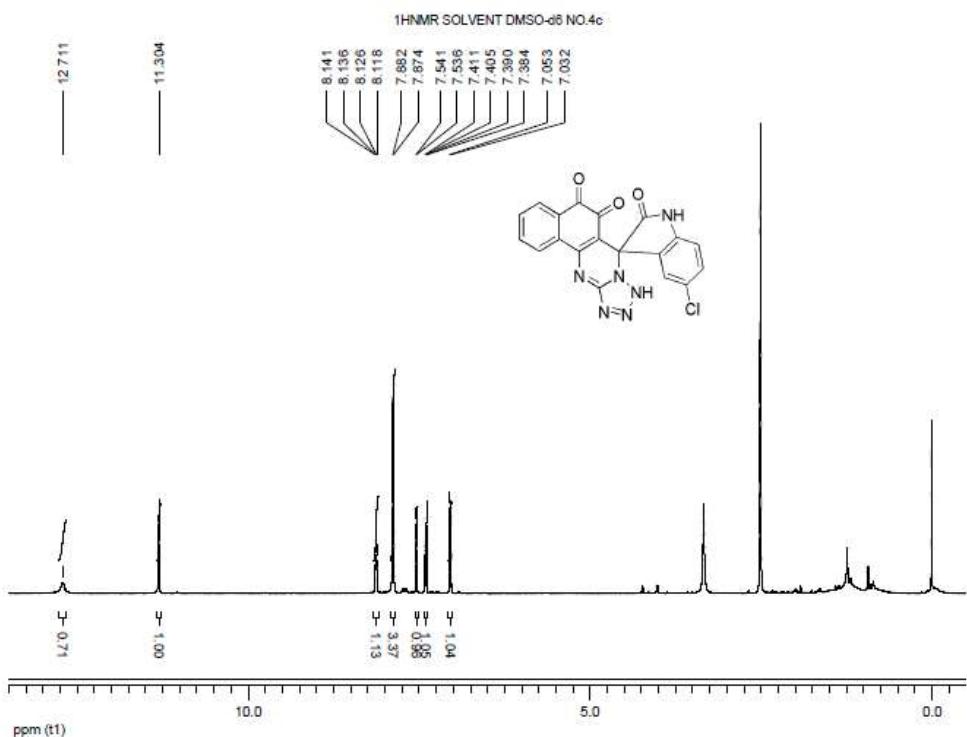


Figure 7. ¹H-NMR of 4c.

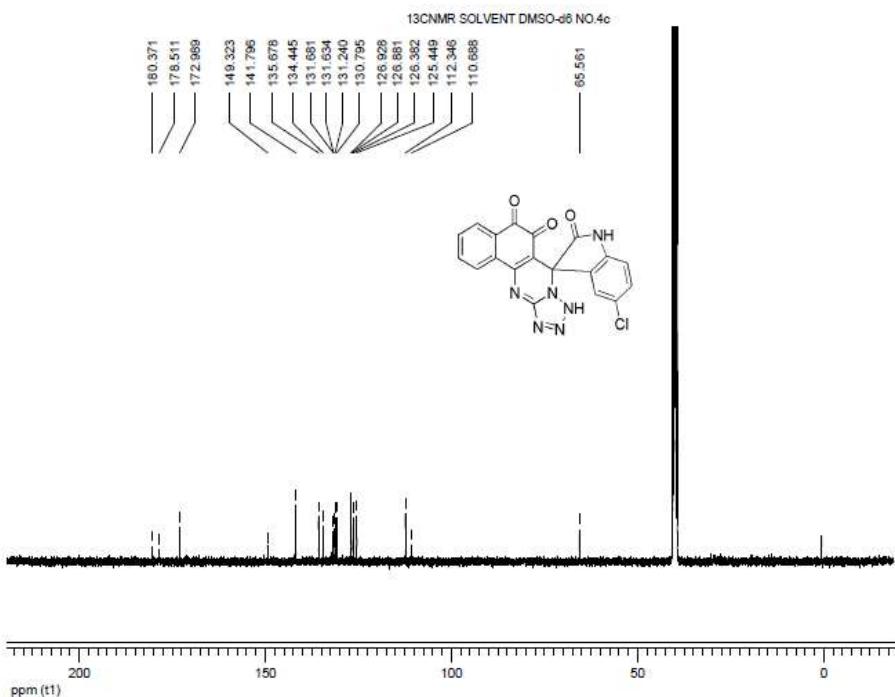


Figure 8. ¹³C-NMR of 4c.

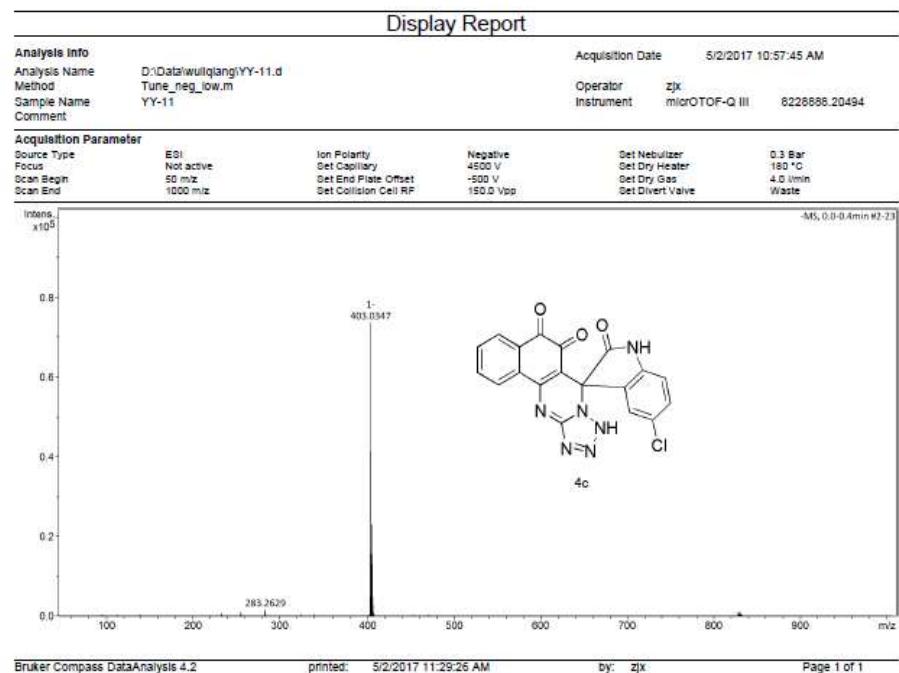


Figure 9. HMRS of 4c.

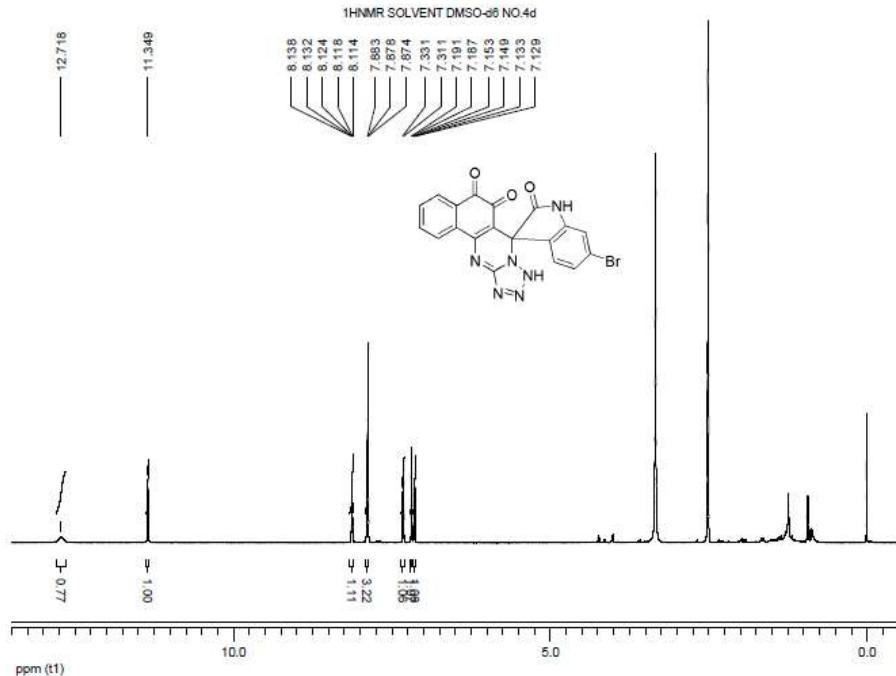


Figure 10. ¹H-NMR of 4d.

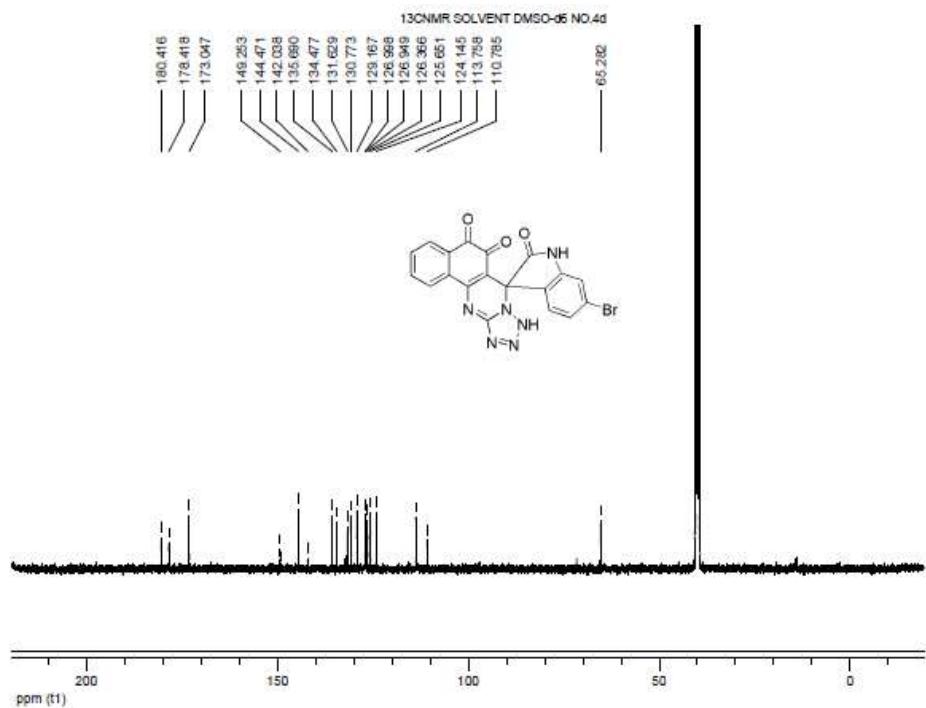


Figure 11. ^{13}C -NMR of **4d**.

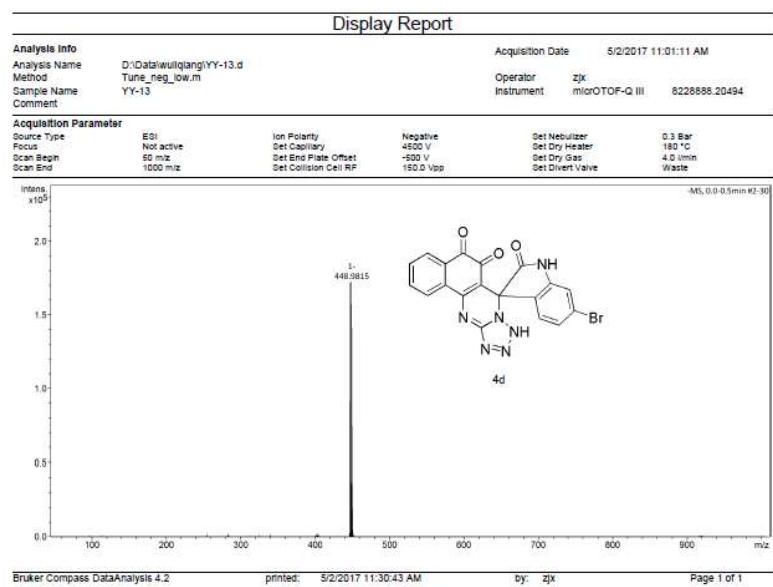


Figure 12. HMRS of **4d**.

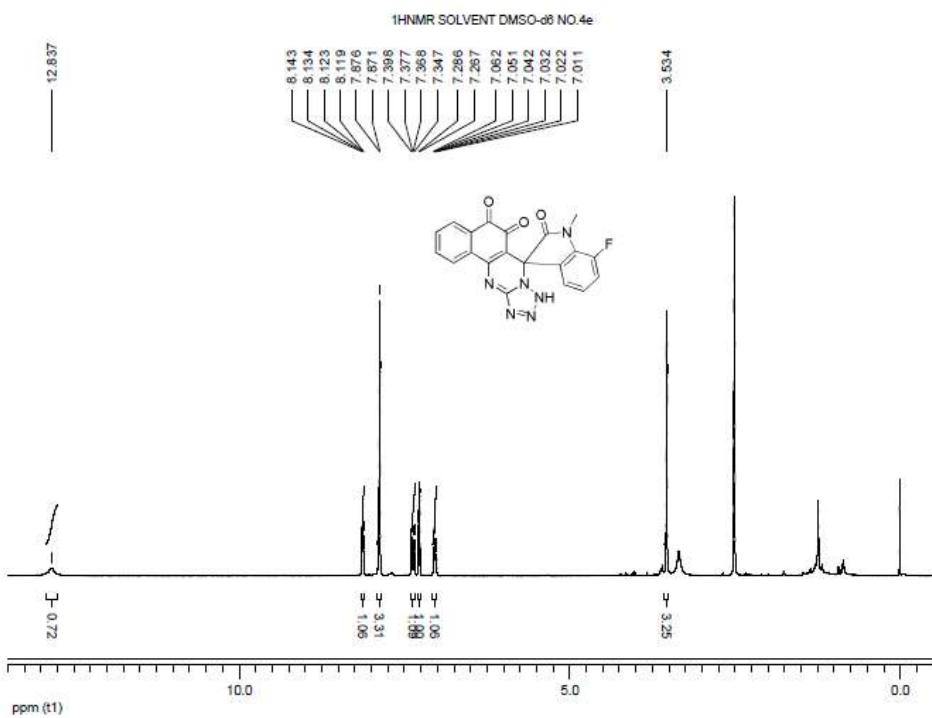


Figure 13. ¹H-NMR of 4e.

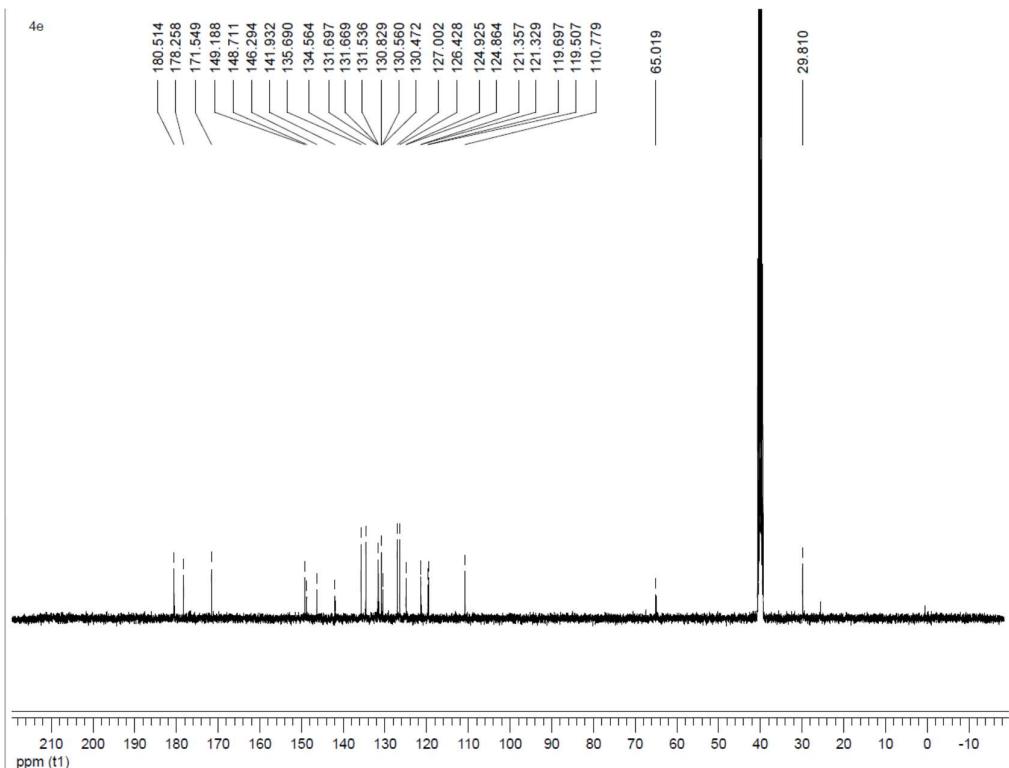


Figure 14. ¹³C-NMR of 4e.

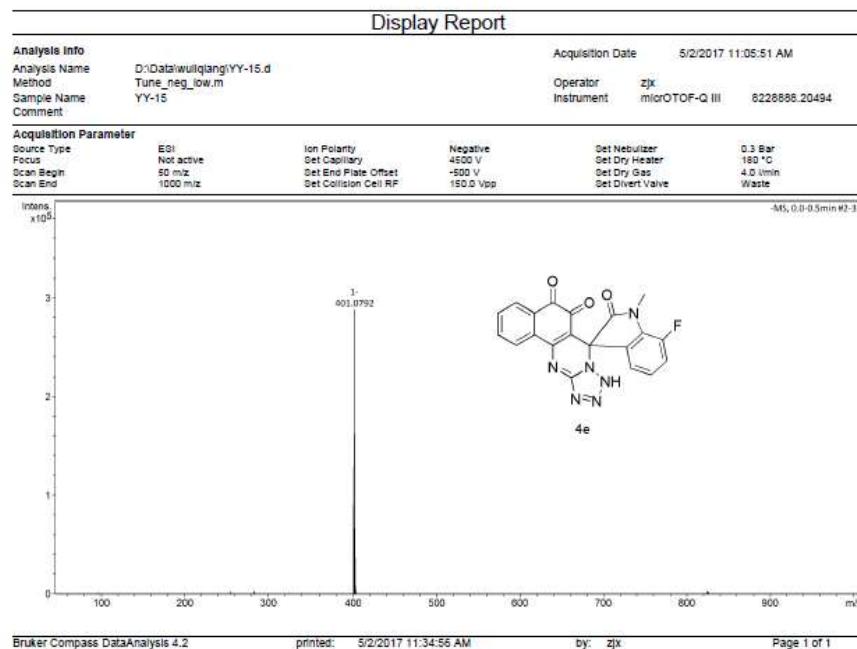


Figure 15. HMRS of **4e**.

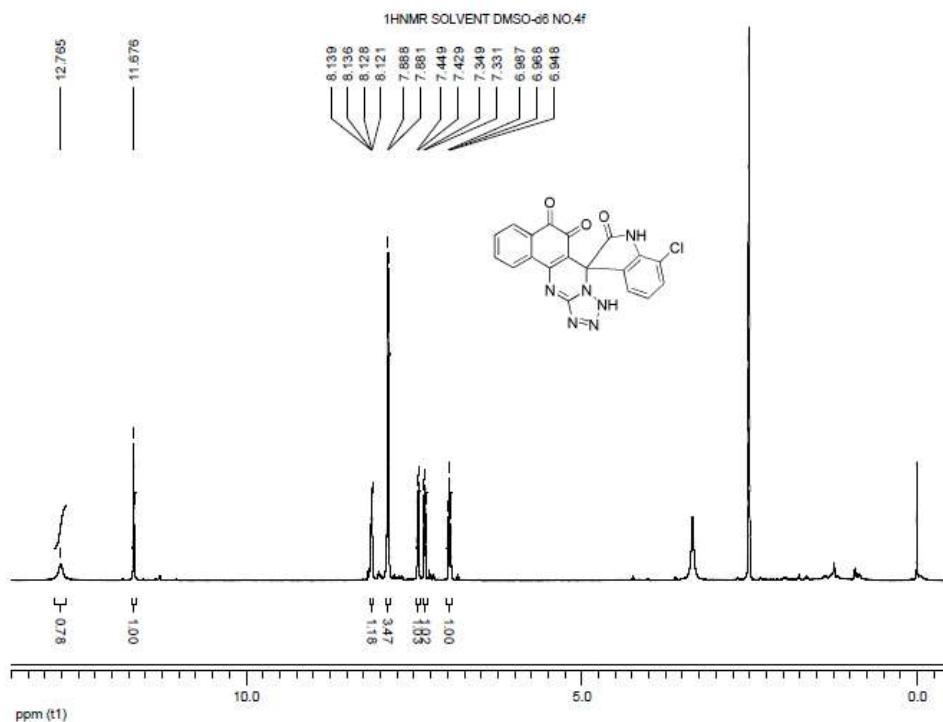
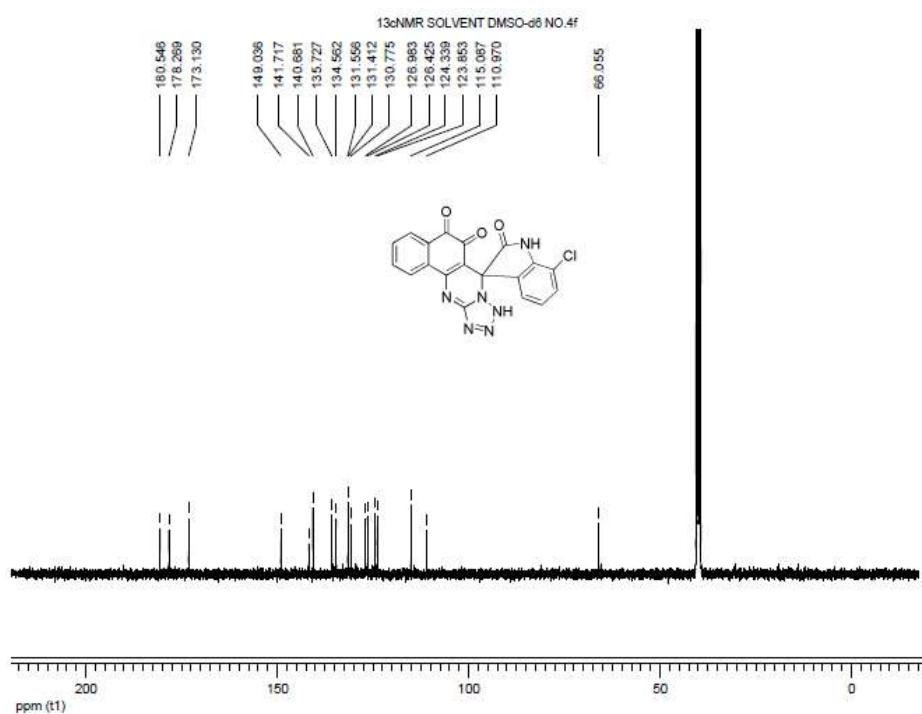


Figure 16. ¹H-NMR of **4f**.



4f

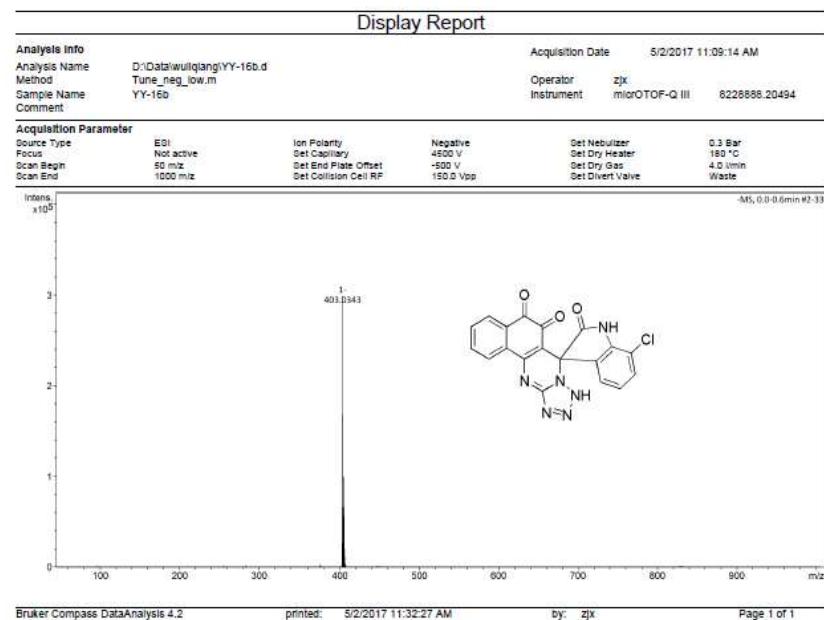


Figure 18. HMRS of 4f.

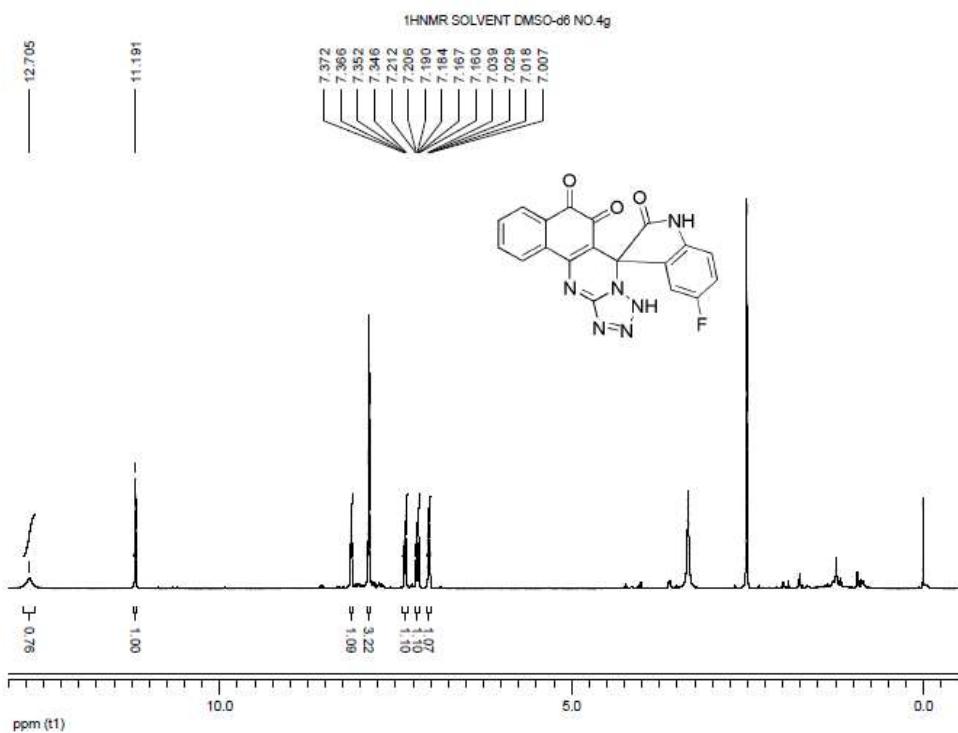


Figure 19. ¹H-NMR of 4g.

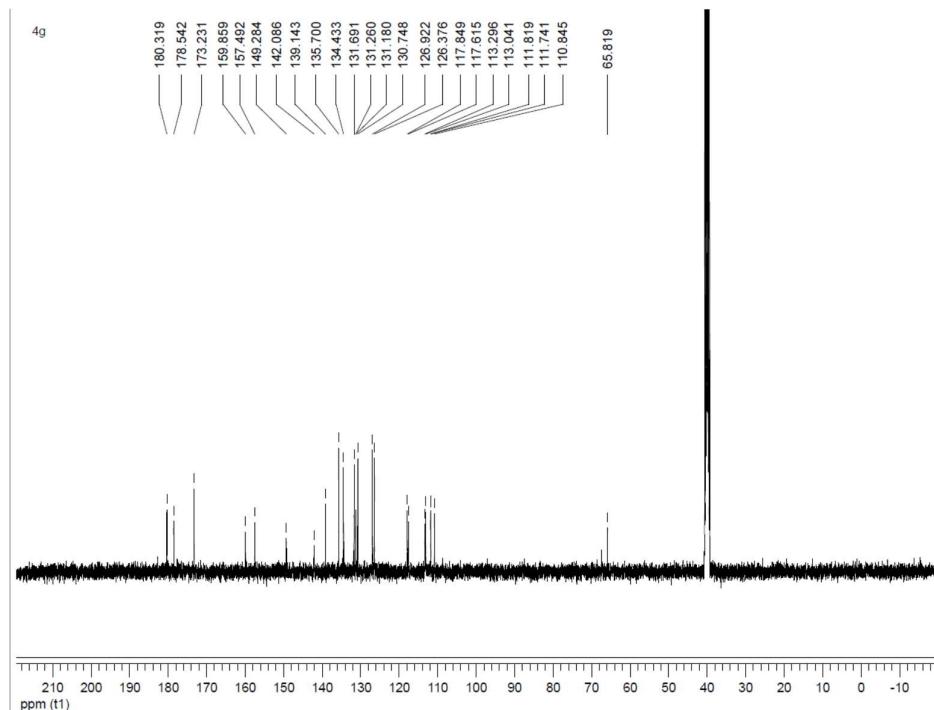


Figure 20. ¹³C-NMR of 4g.

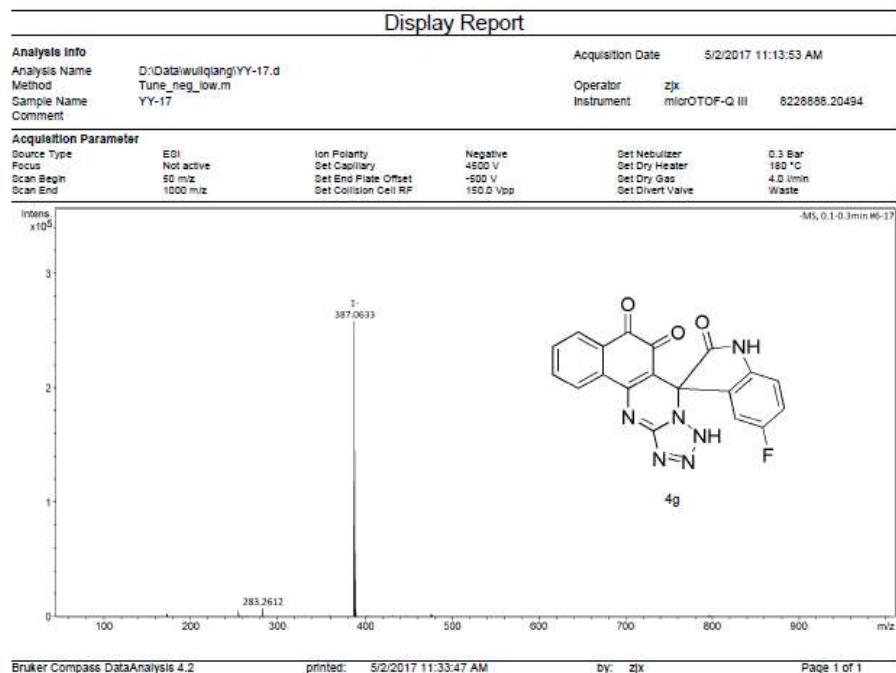


Figure 21. HMRS of 4g.

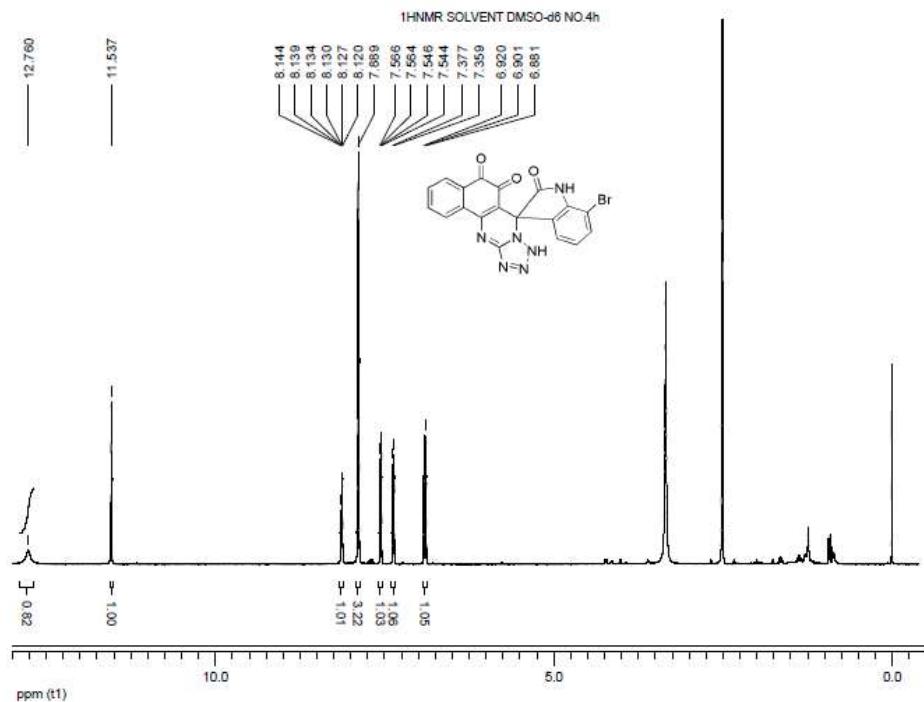


Figure 22. ^1H -NMR of 4h.

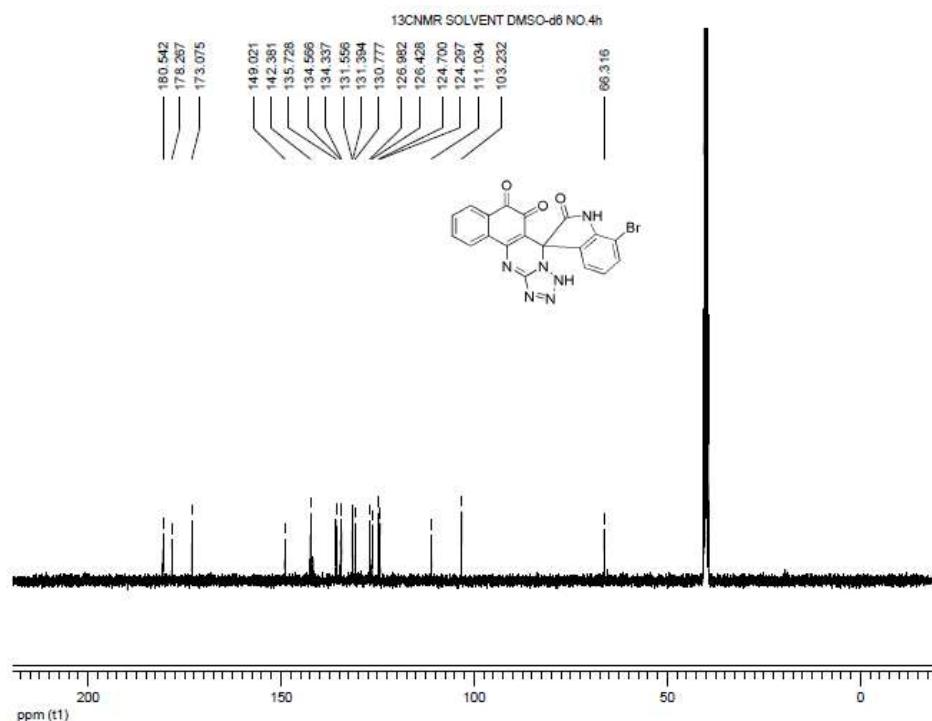


Figure 23. ^{13}C -NMR of 4h.

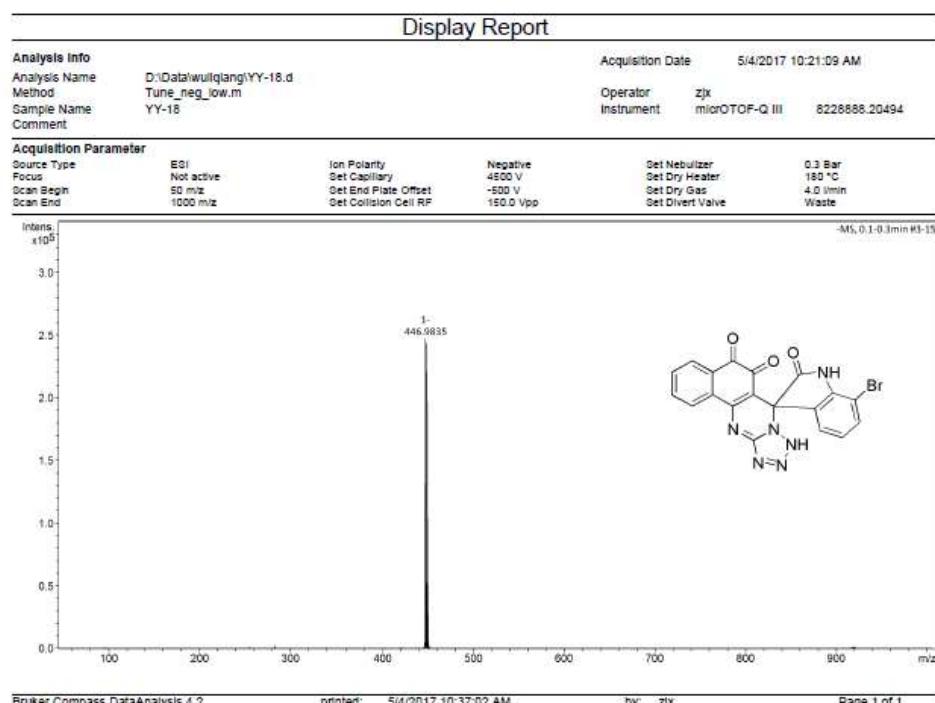


Figure 24. HMRS of 4h.

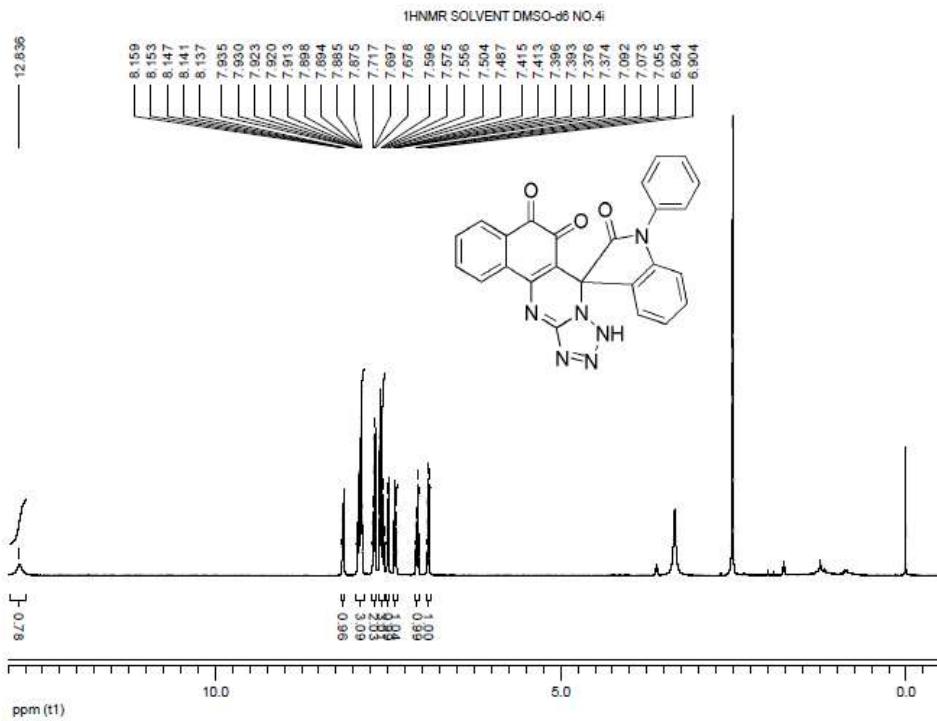


Figure 25. ¹H-NMR of 4i.

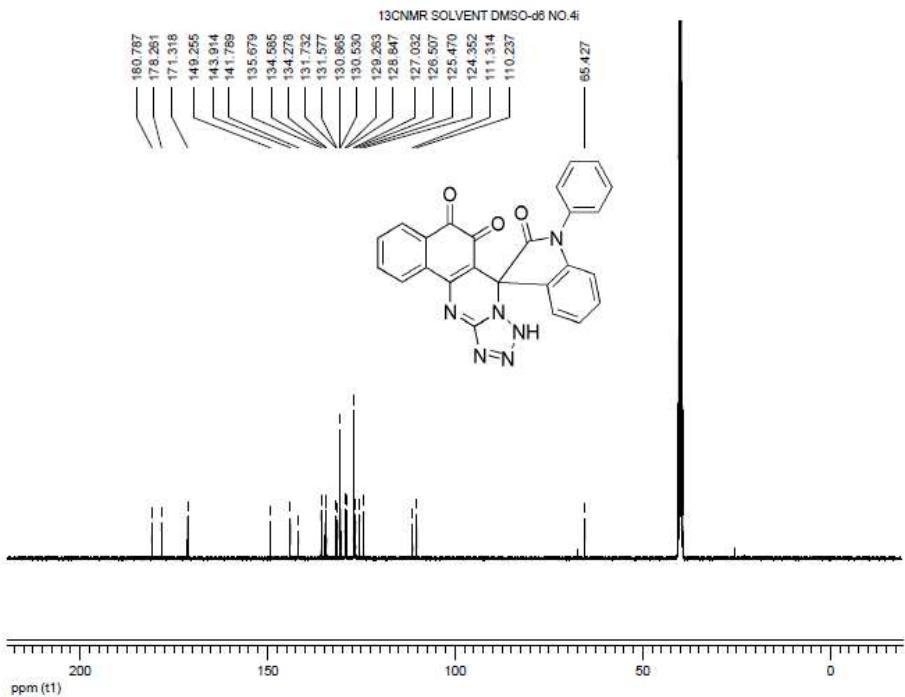


Figure 26. ¹³C-NMR of 4i.

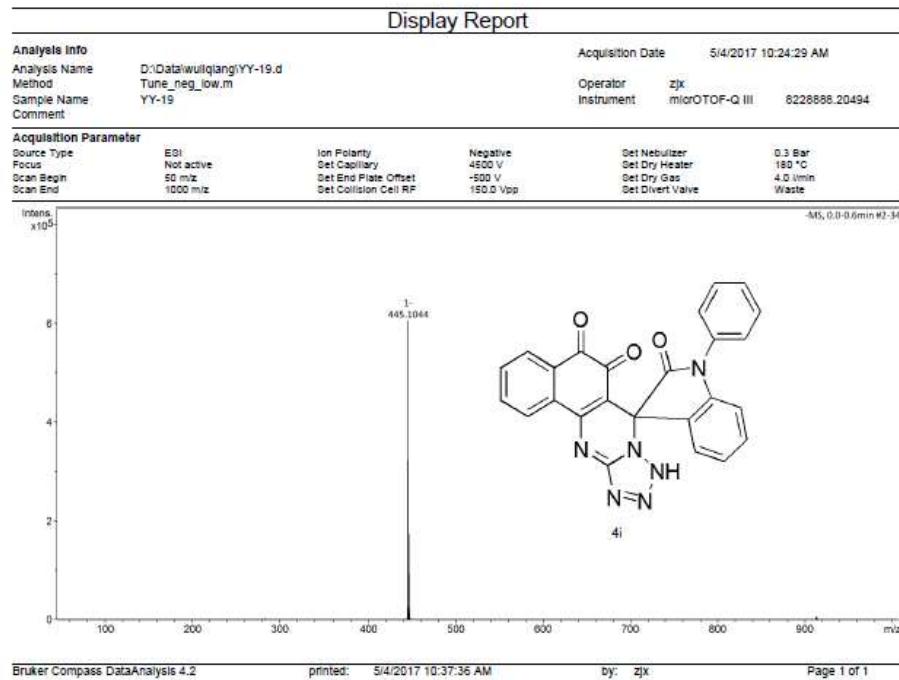


Figure 27. HMRS of 4i.

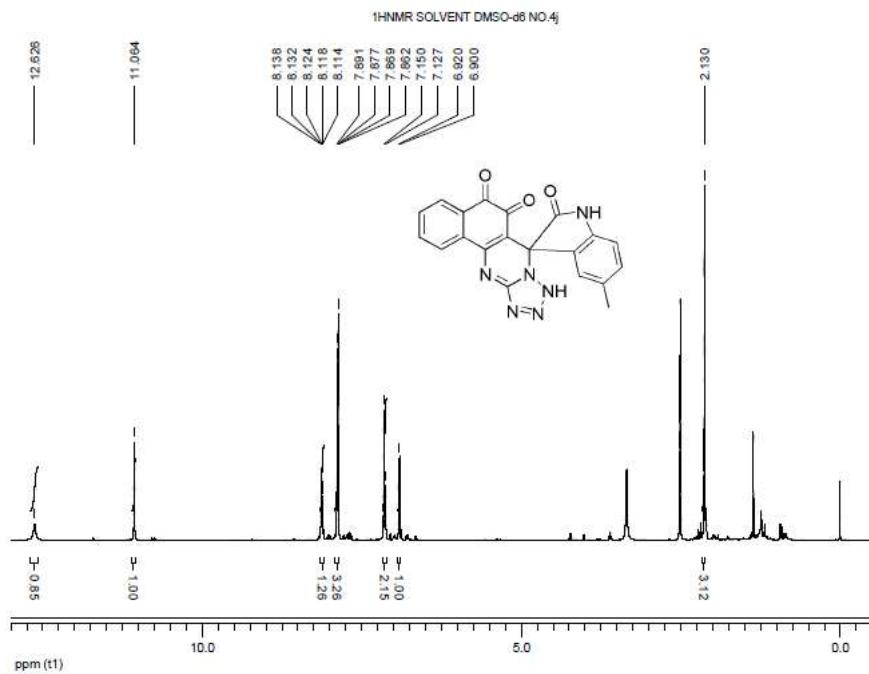


Figure 28. ^1H -NMR of 4j.

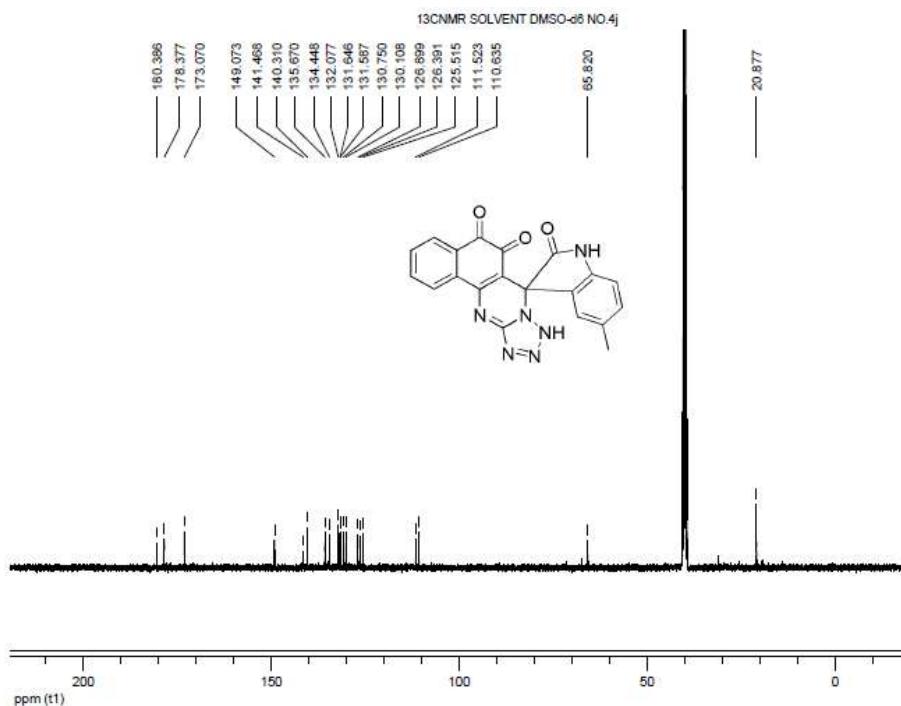


Figure 29. ^{13}C -NMR of **4j**.

4j

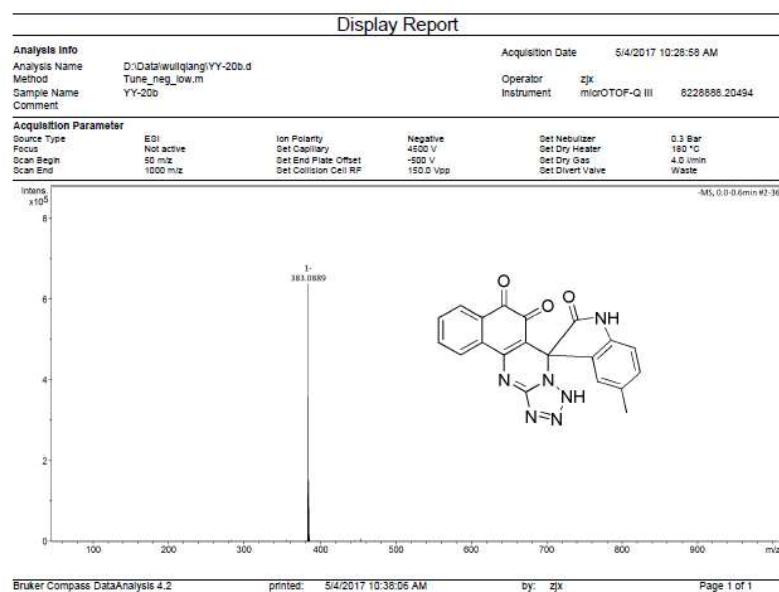


Figure 30. HMRS of **4j**.

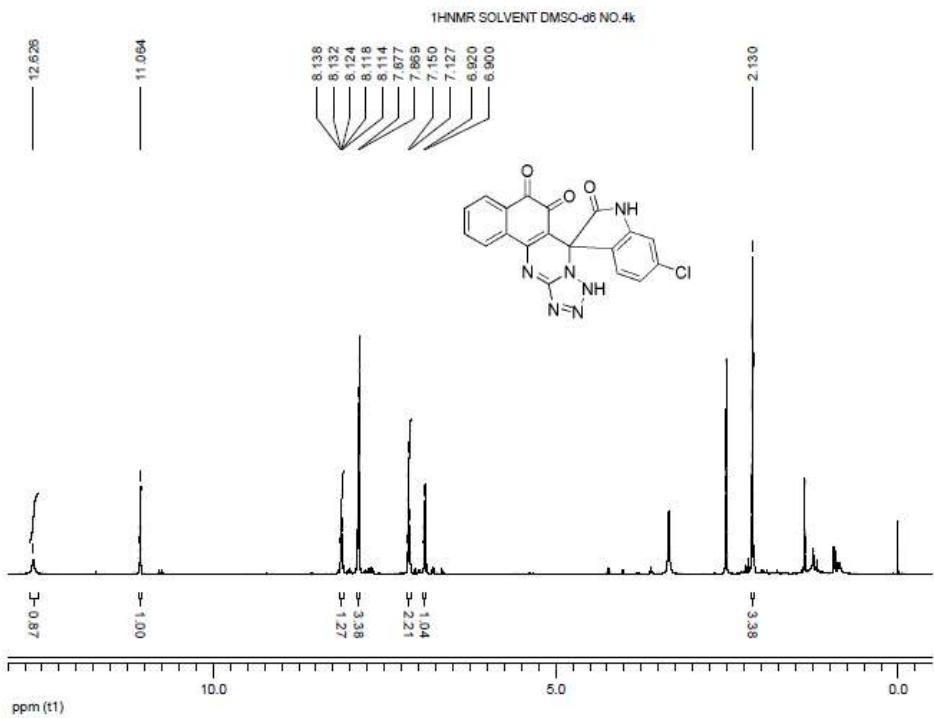


Figure 31. ¹H-NMR of 4k.

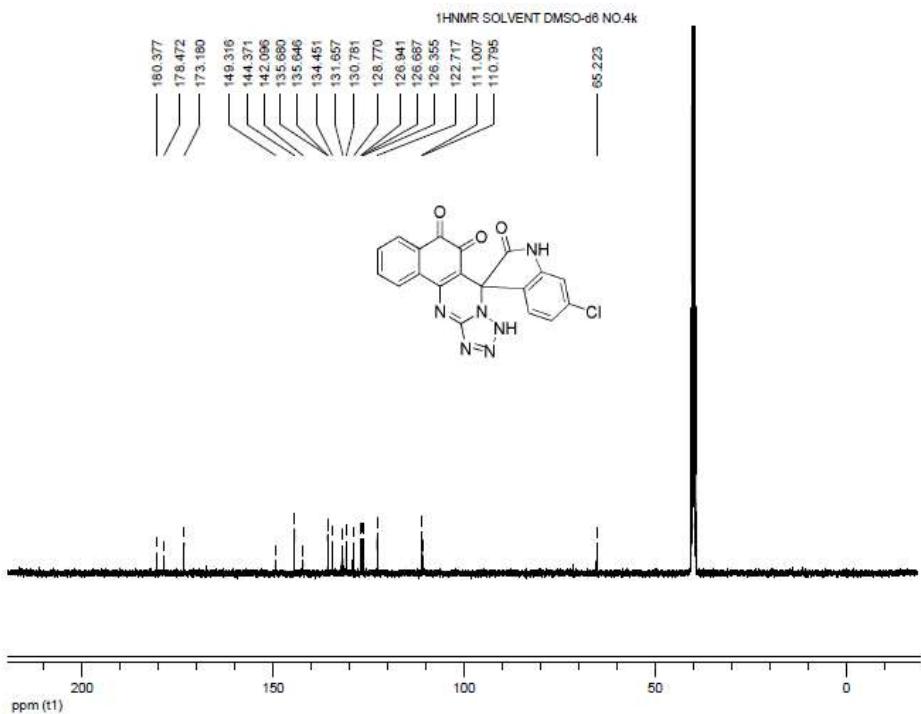


Figure 32. ¹³C-NMR of 4k.

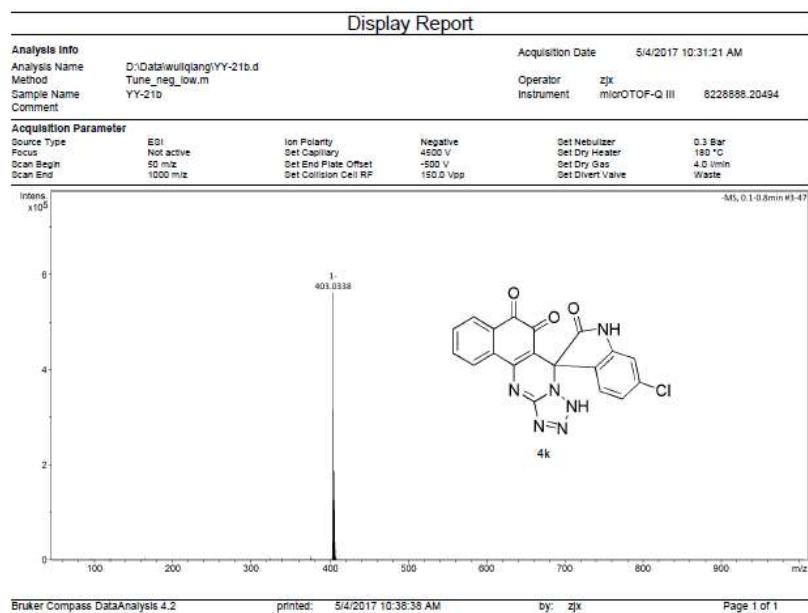


Figure 33. HMRS of **4k**.

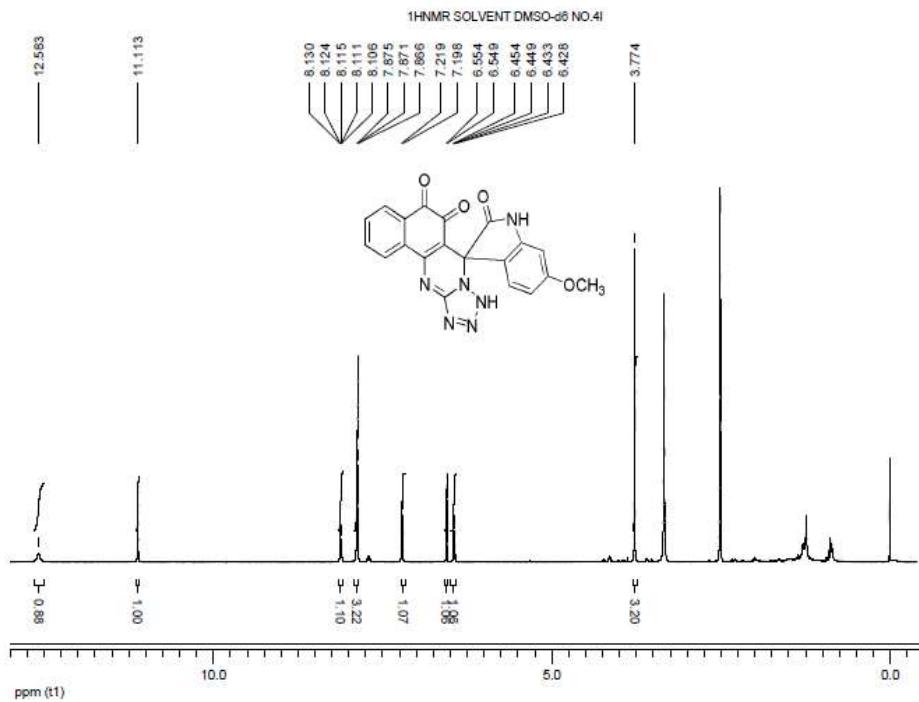


Figure 34. ¹H-NMR of **4l**.

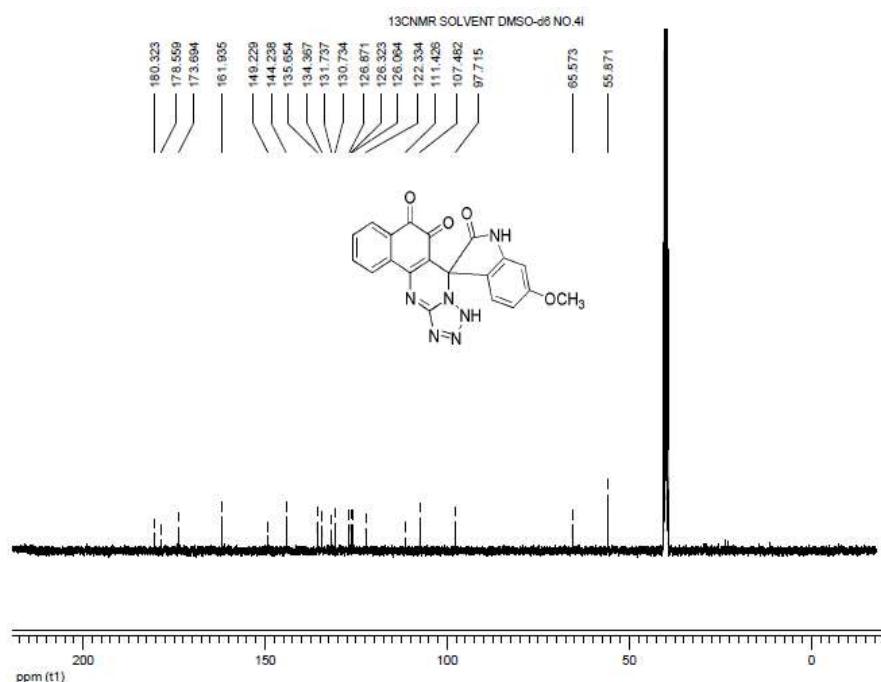


Figure 35. ^{13}C -NMR of 4I.

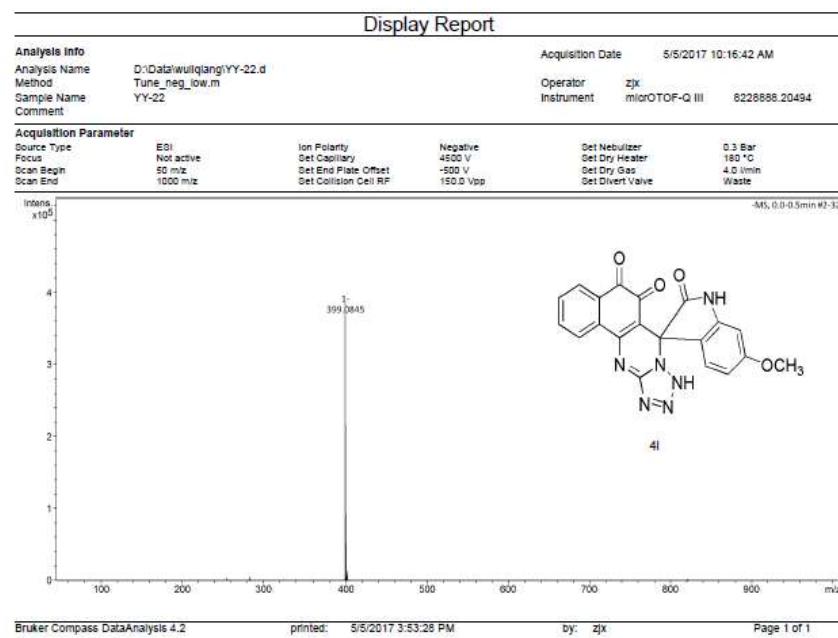


Figure 36. HMRS of 4I.

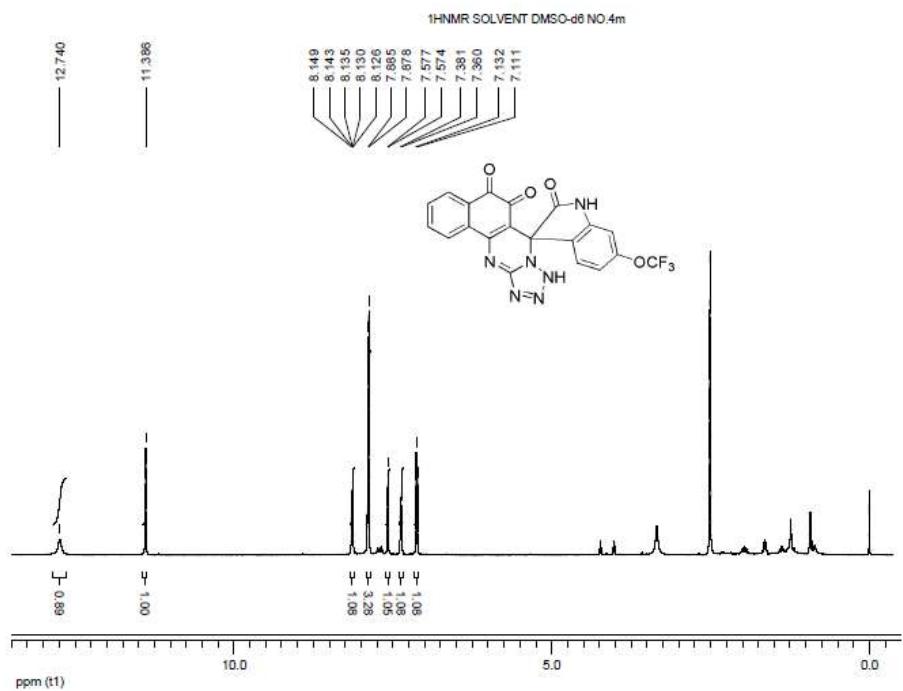


Figure 37. ^1H -NMR of **4m**.

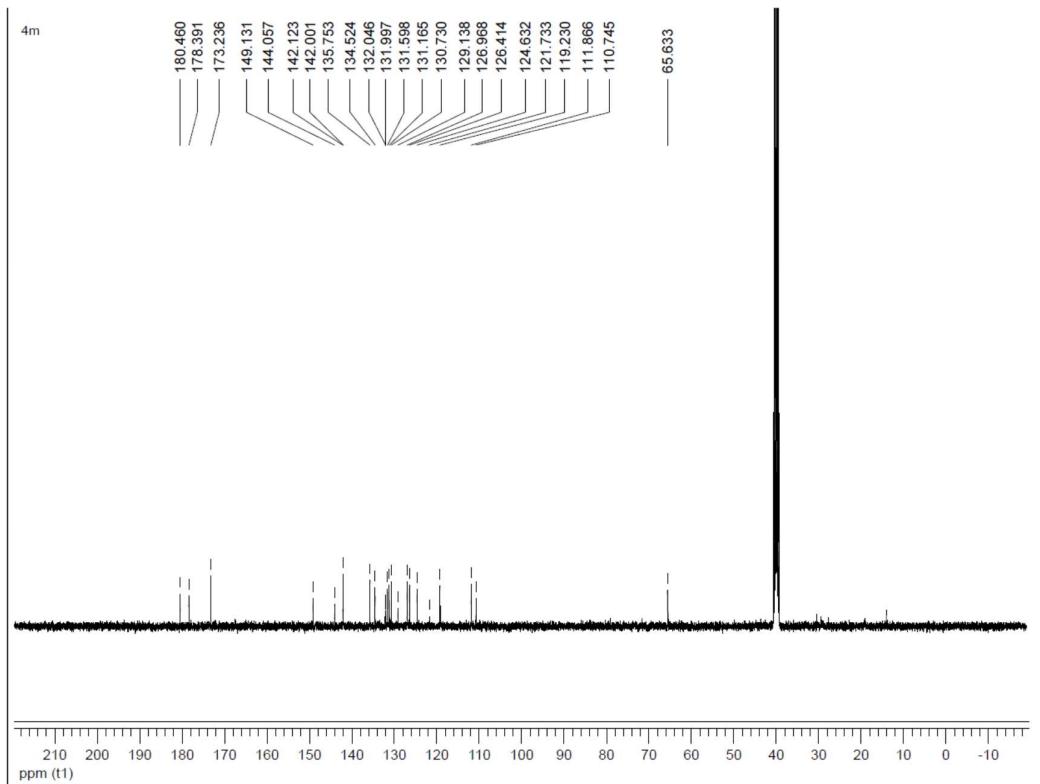


Figure 38. ^{13}C -NMR of **4m**.

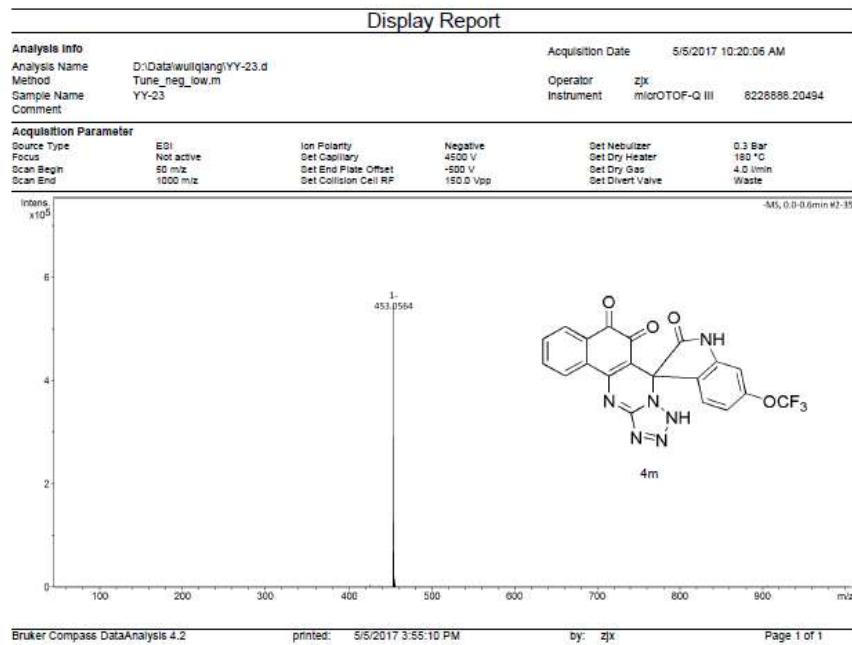


Figure 39. HMRS of 4m.

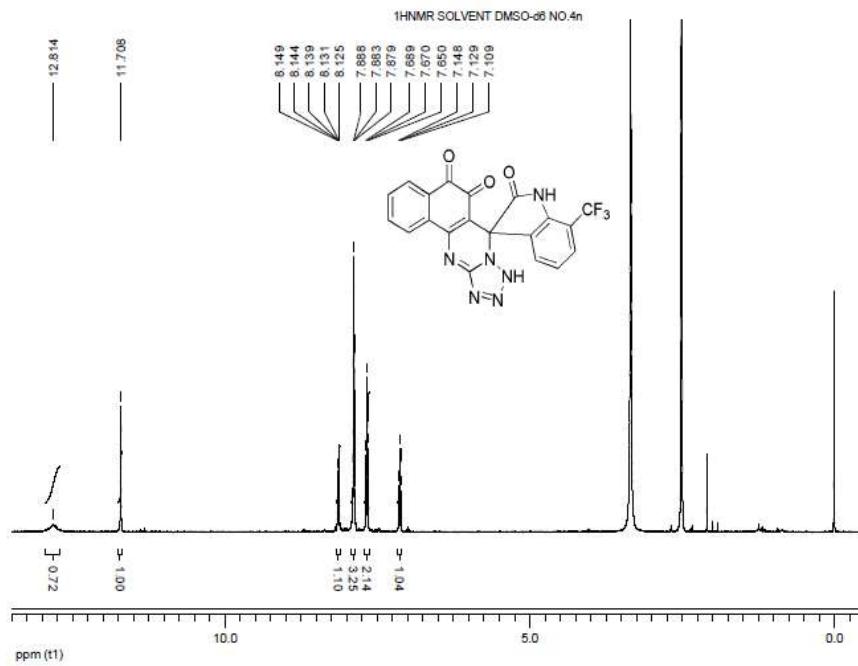


Figure 40. ¹H-NMR of 4n.

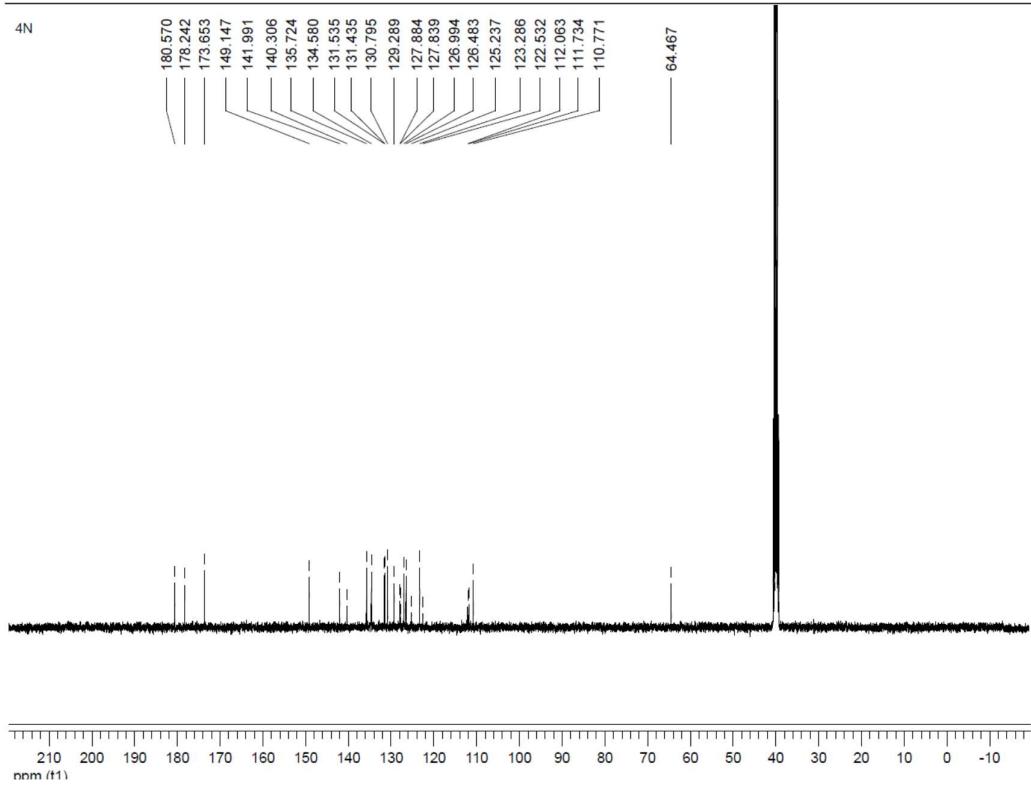


Figure 41. ^{13}C -NMR of **4n**.

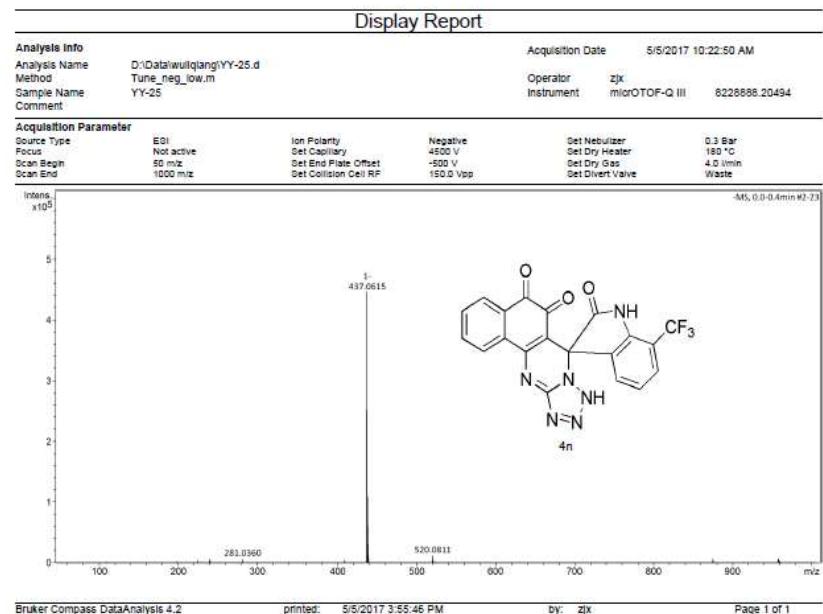


Figure 42. HMRS of **4n**.