

Supporting Information

ONE-POT SOLVOTHERMAL SYNTHESIS AND X-RAY STRUCTURE OF A METHYLATED TERPYRIDINE DERIVATIVE AS DNA BINDER AND ANTICANCER AGENT

**Yihui Jiang, Keke Chai, Yi Sun, Qiwen Pang, Xiaoli Liu, Min Shi, Jing Wang,
Jie Wei, Da Liu, Jintao Wang***

Jiangxi Provincial Key Laboratory of Drug Design and Evaluation, School of Pharmacy,
Jiangxi Science & Technology Normal University, Nanchang 330013, P.R. China

Corresponding author: Fax: +86-791-83823320, Tel.: +86-791-88537967, E-mail:
jintaochem@163.com

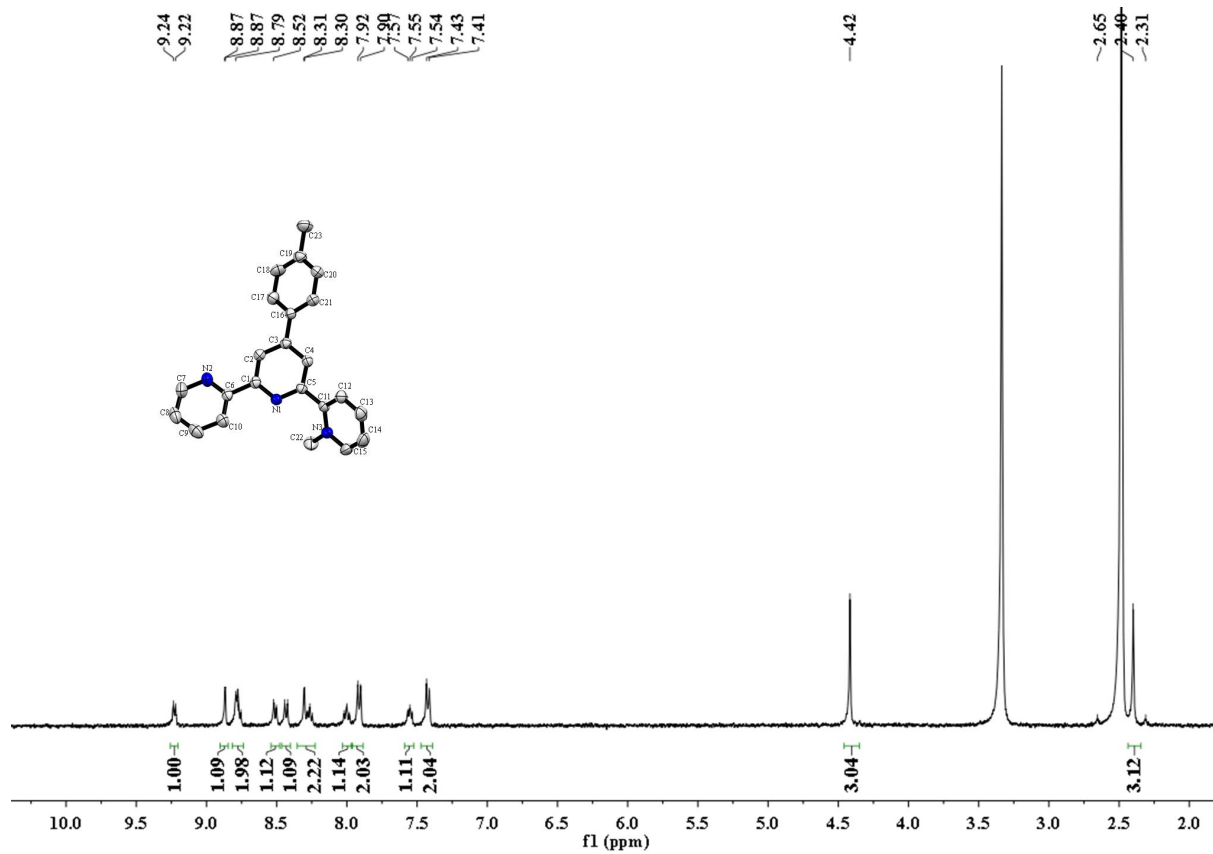


Figure S1. ¹H NMR spectra of [mterpy]I

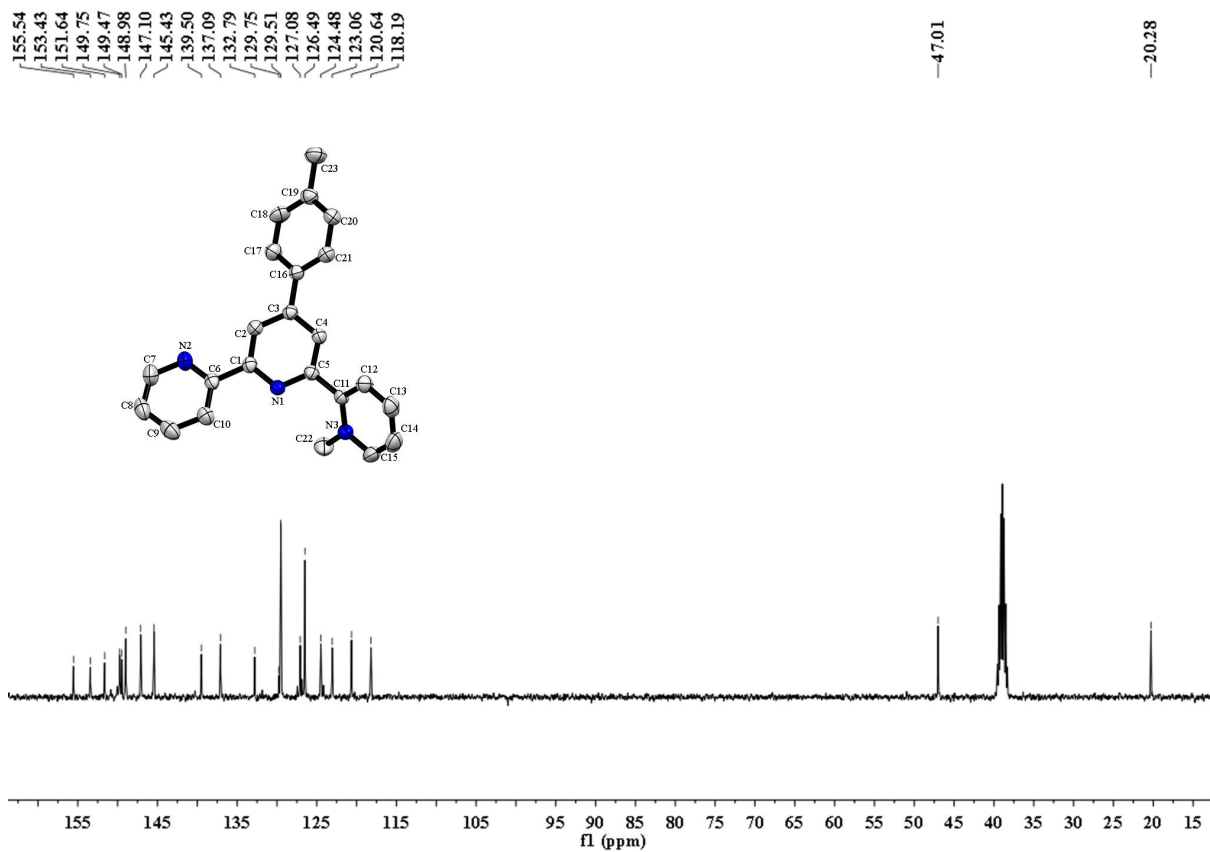


Figure S2. ¹³C NMR spectra of [mterpy]I

Table S1. Selected bond lengths and angles of the ligand mterpy

Distances, Å	
N3-C11	1.343(4)
N3-C12	1.353(4)
N3-C22	1.473(5)
N1-C5	1.342(4)
N1-C1	1.346(3)
N2-C6	1.332(4)
N2-C7	1.333(6)
Angles, °	
C11-N3-C12	120.2(3)
C11-N3-C22	121.8(3)
C12-N3-C22	117.8(3)
C5-N1-C1	116.6(3)
N3-C11-C5	121.5(3)
N3-C11-C15	119.3(3)
N1-C5-C11	115.9(3)
N1-C5-C4	123.9(3)
C6-N2-C7	117.1(3)
N1-C1-C2	122.5(3)
N1-C1-C6	115.8(3)
N1-C6-C1	116.2(3)
N1-C6-C10	122.1(3)
N3-C12-C13	120.9(4)
N2-C7-C8	124.3(4)
