

Rhodium(II) catalyzed diastereoselective reactions of diazoacetamides with isatins: an efficient approach to 3-hydroxy-3,3'-bioxindoles

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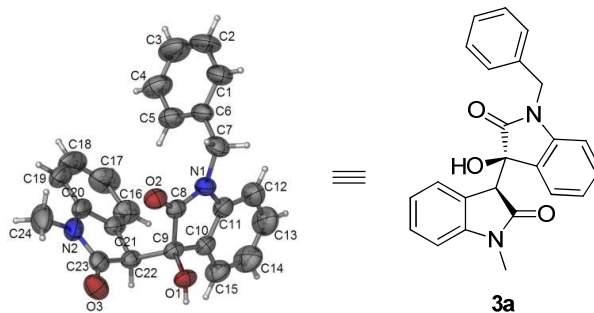
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Supporting Information

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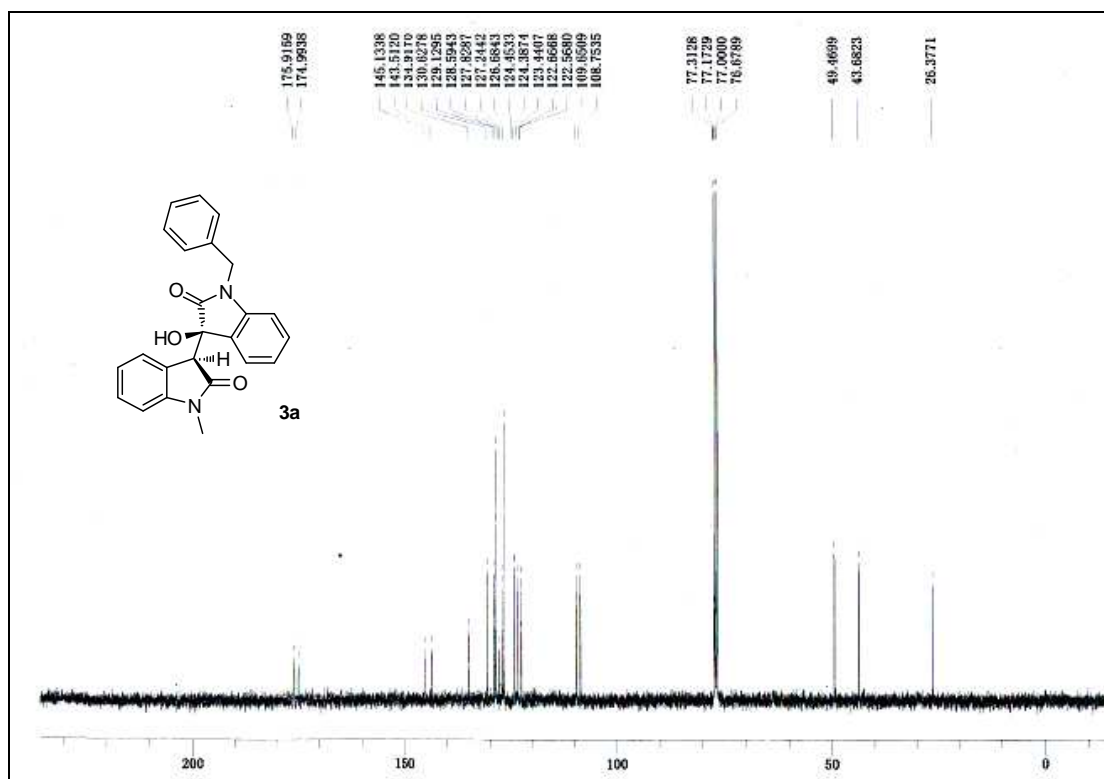
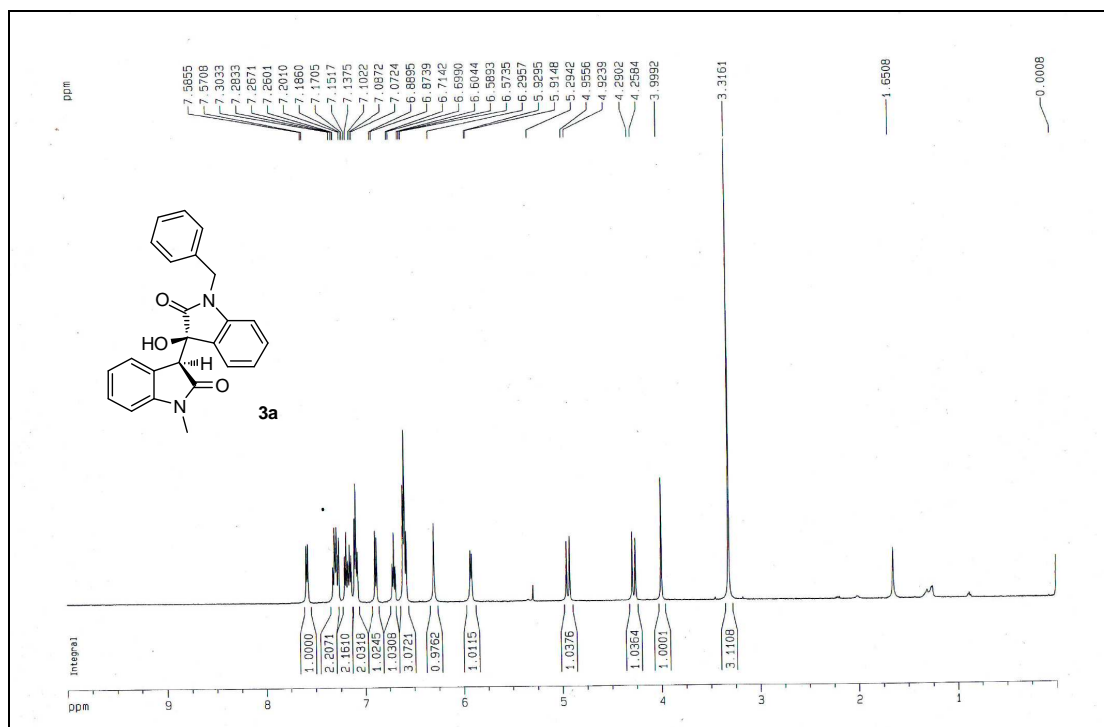
1. Crystal data for **3a**
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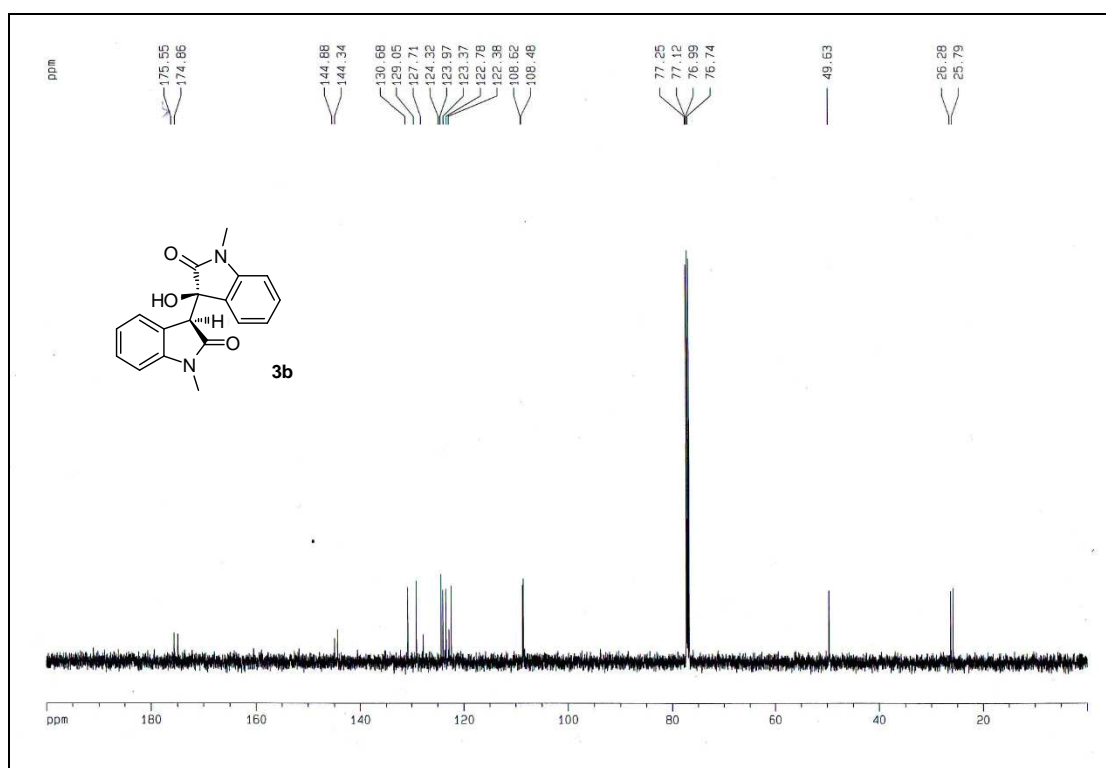
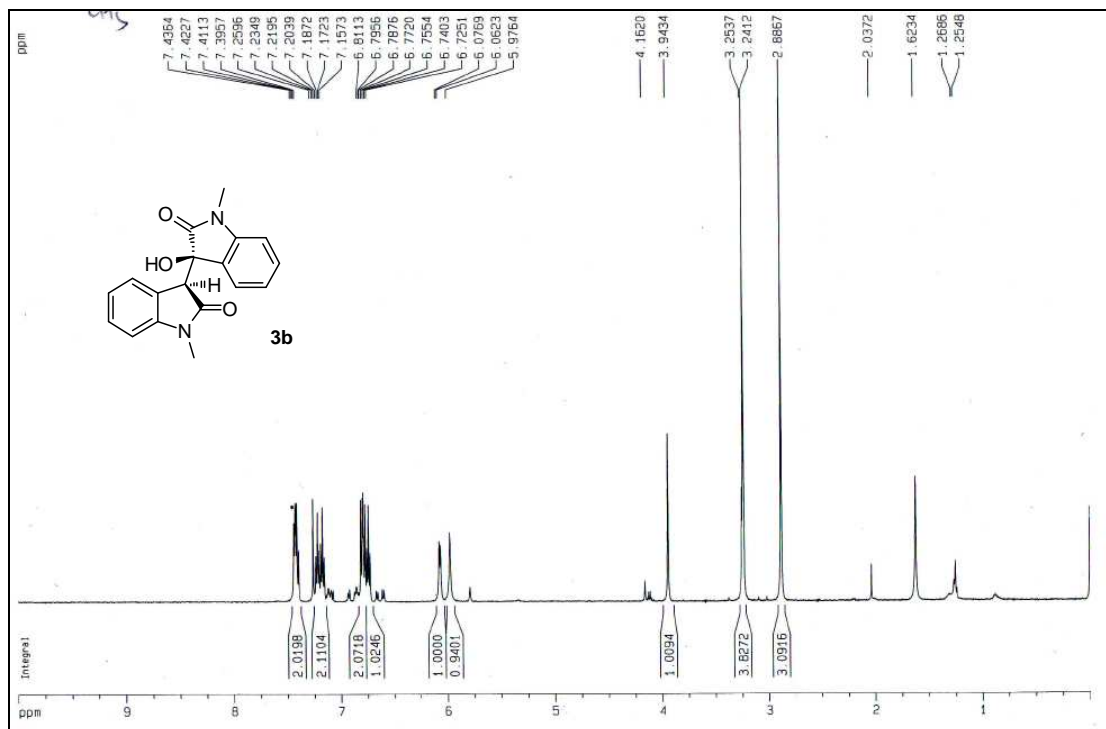
1. Crystal data of 3a (CCDC 880451)

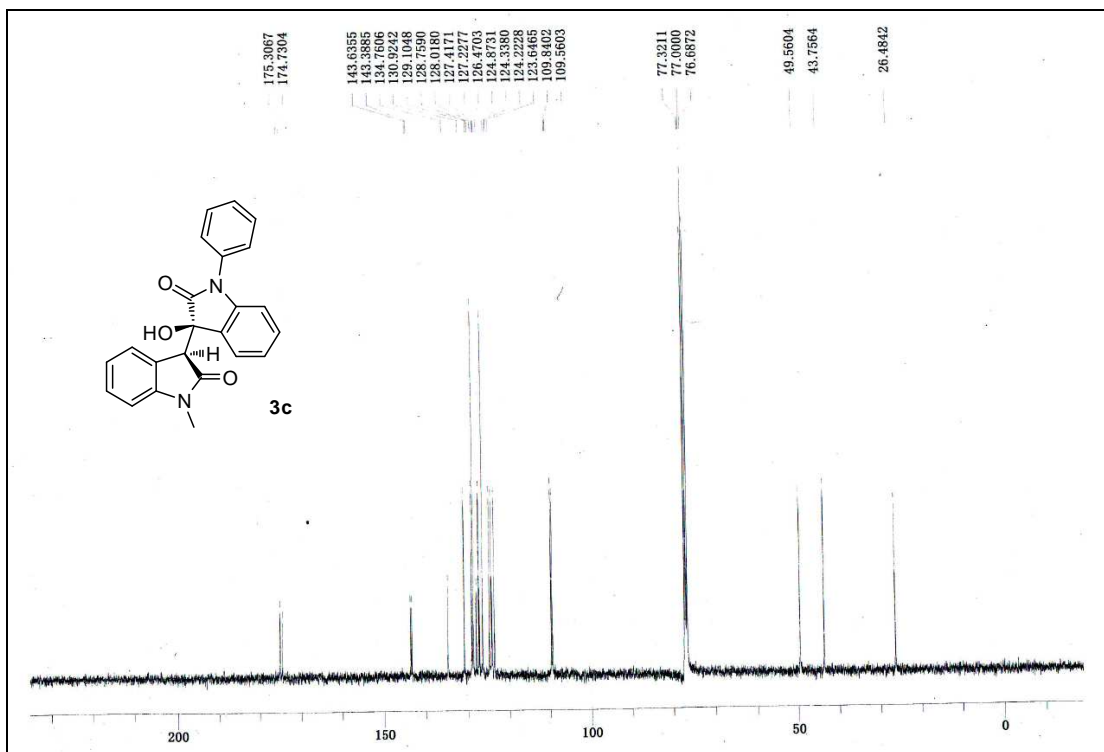
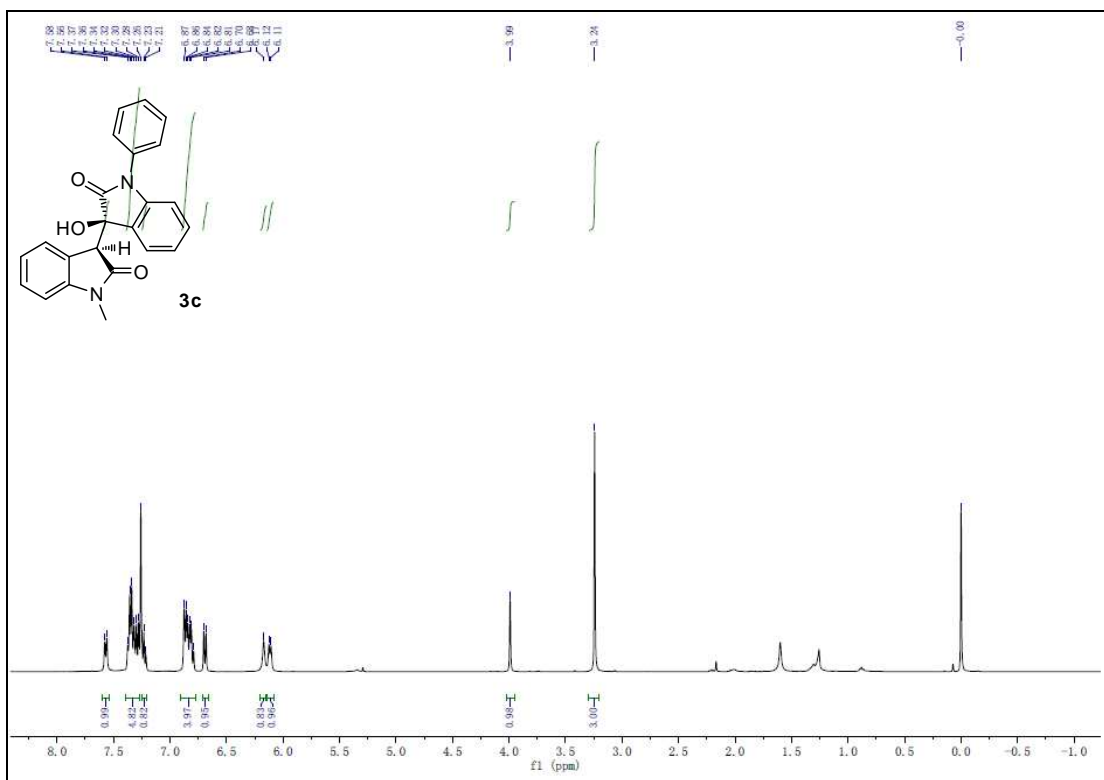


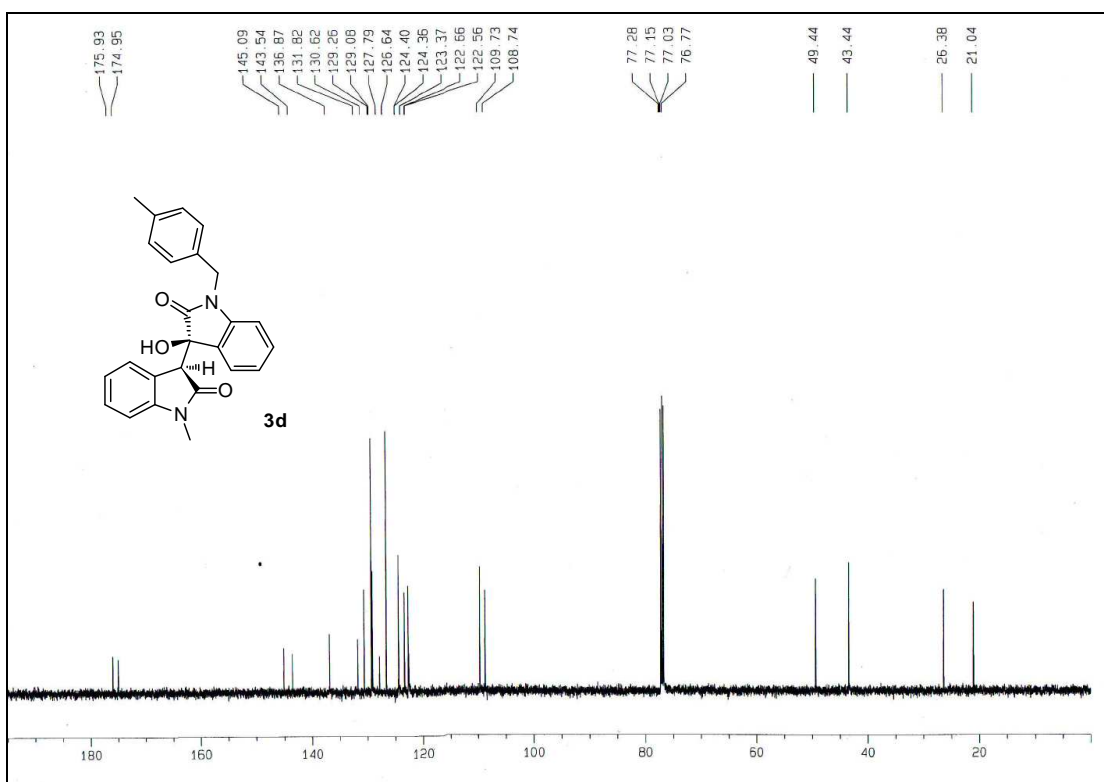
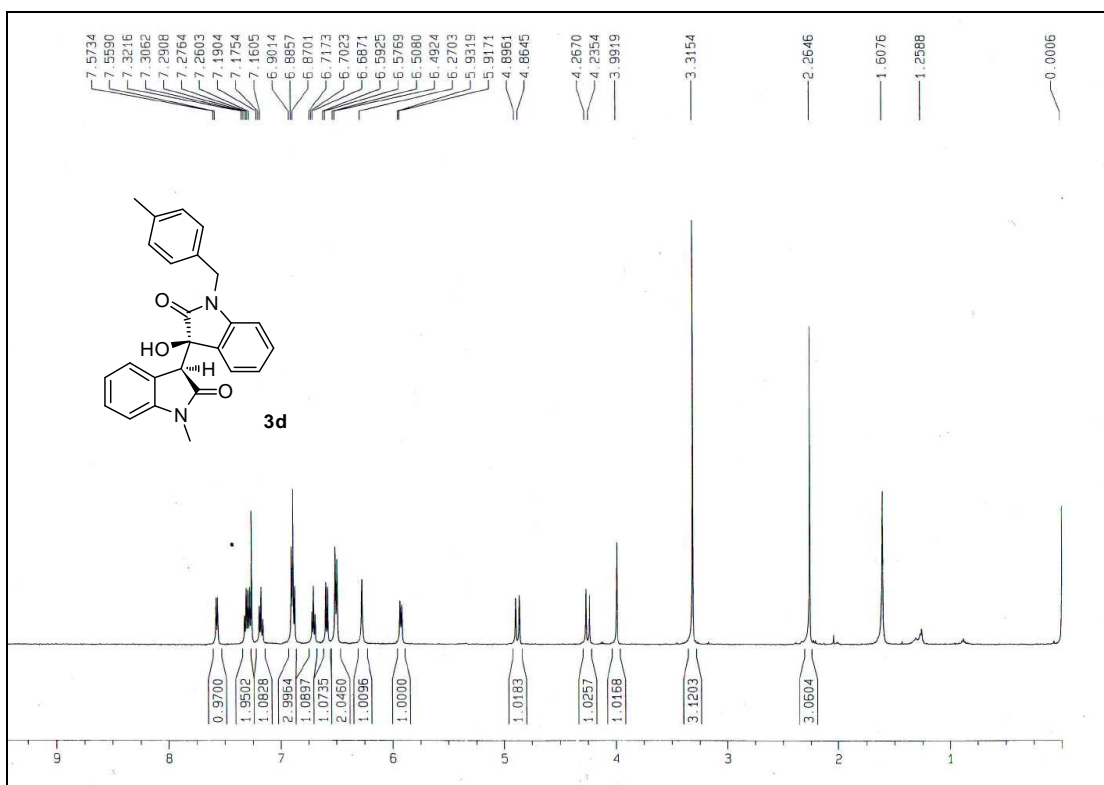
Bond precision:	C-C = 0.0036 Å	Wavelength=0.71073
Cell:	a=24.8142(10) b=8.6804(3)	c=18.1721(7)
	alpha=90 beta=99.492(1)	gamma=90
Temperature:	296 K	
	Calculated	Reported
Volume	3860.6(3)	3860.6(3)
Space group	C 2/c	C2/c
Hall group	-C 2yc	?
Moiety formula	C24 H20 N2 O3	?
Sum formula	C24 H20 N2 O3	C24 H20 N2 O3
Mr	384.42	384.42
Dx,g cm ⁻³	1.323	1.323
Z	8	8
Mu (mm ⁻¹)	0.088	0.088
F000	1616.0	1616.0
F000'	1616.72	
h,k,lmax	29,10,21	29,10,21
Nref	3411	3409
Tmin,Tmax	0.978,0.986	0.978,0.986
Tmin'	0.978	
Correction method=	MULTI-SCAN	
Data completeness=	0.999	Theta(max)= 25.010
R(reflections)=	0.0421(2313)	wR2(reflections)= 0.1172(3409)
S =	1.016	Npar= 262

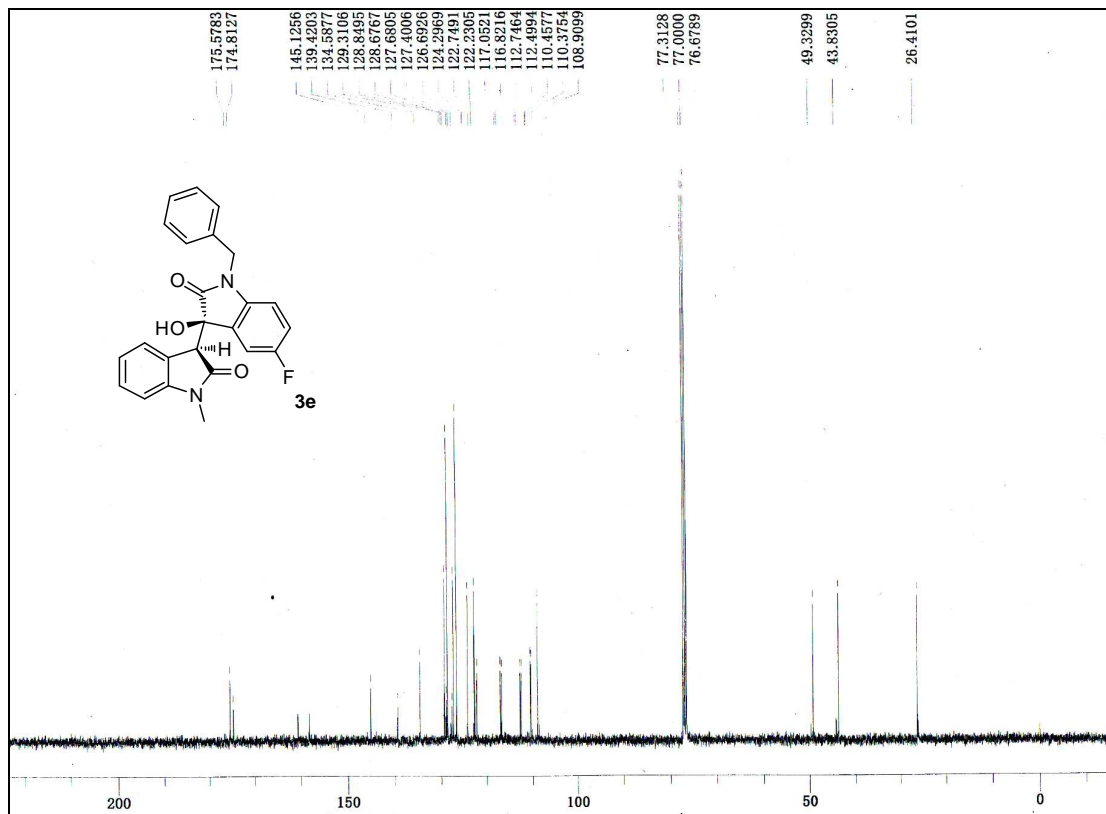
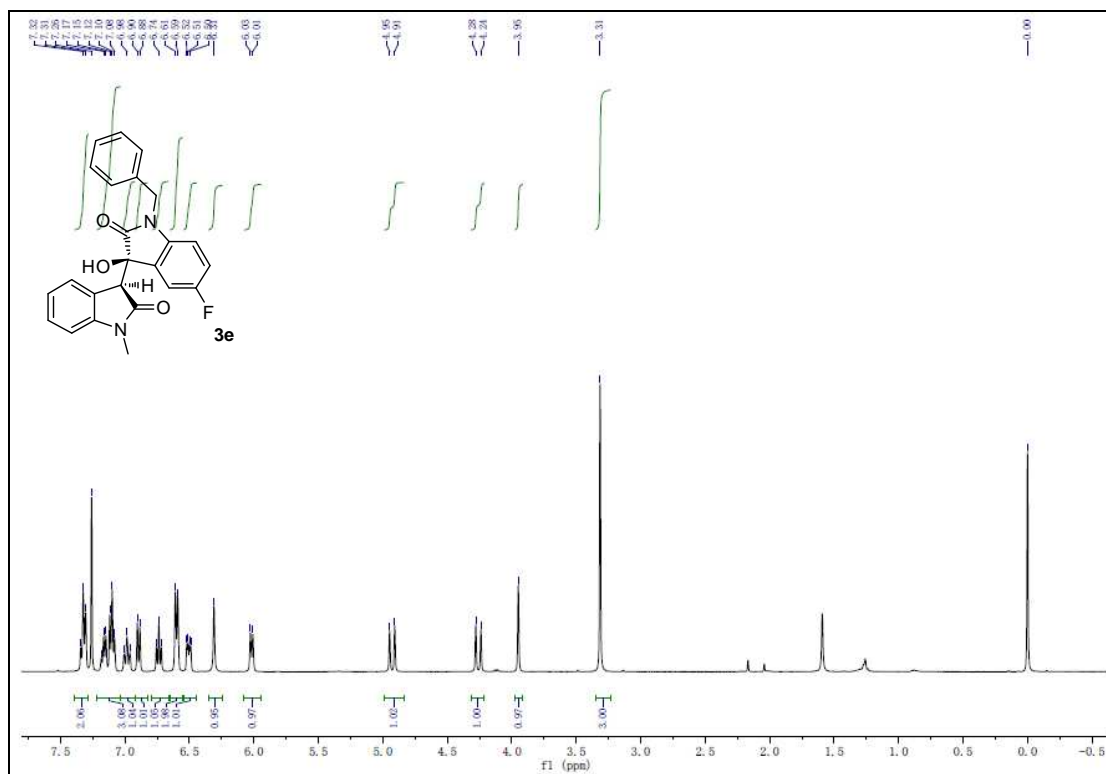
2. NMR analysis spectra for 3a-3s

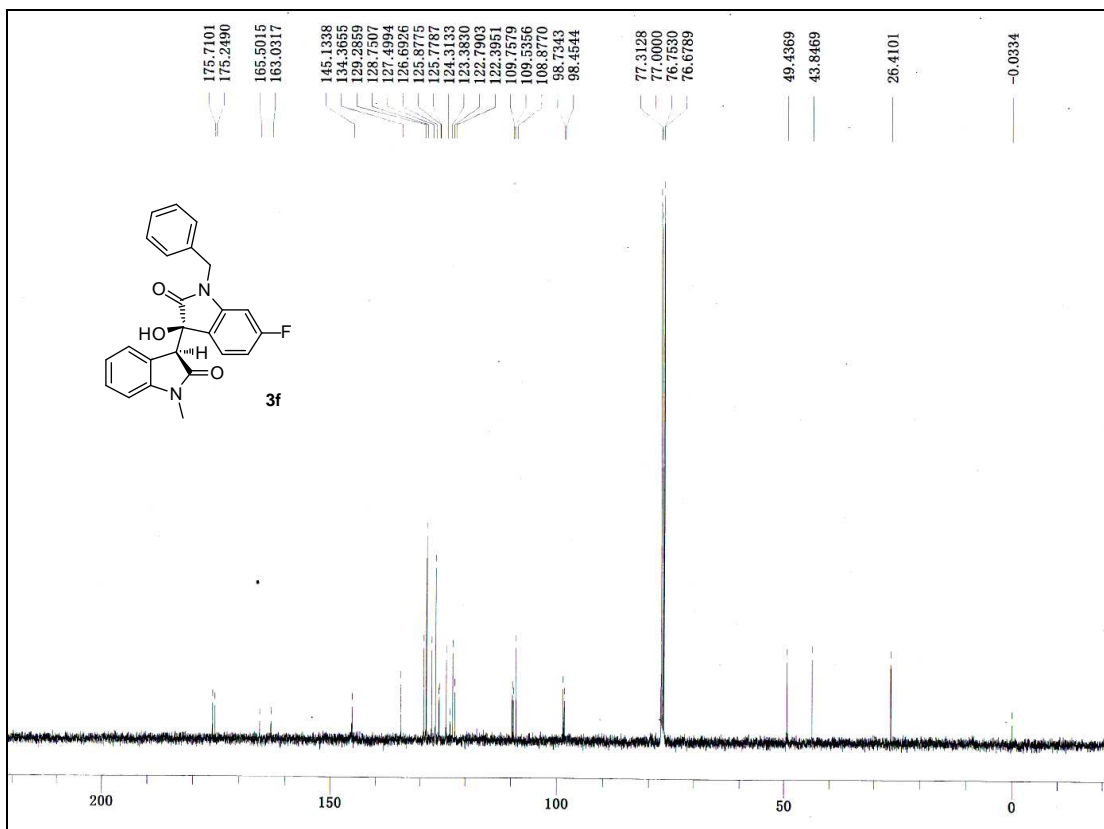
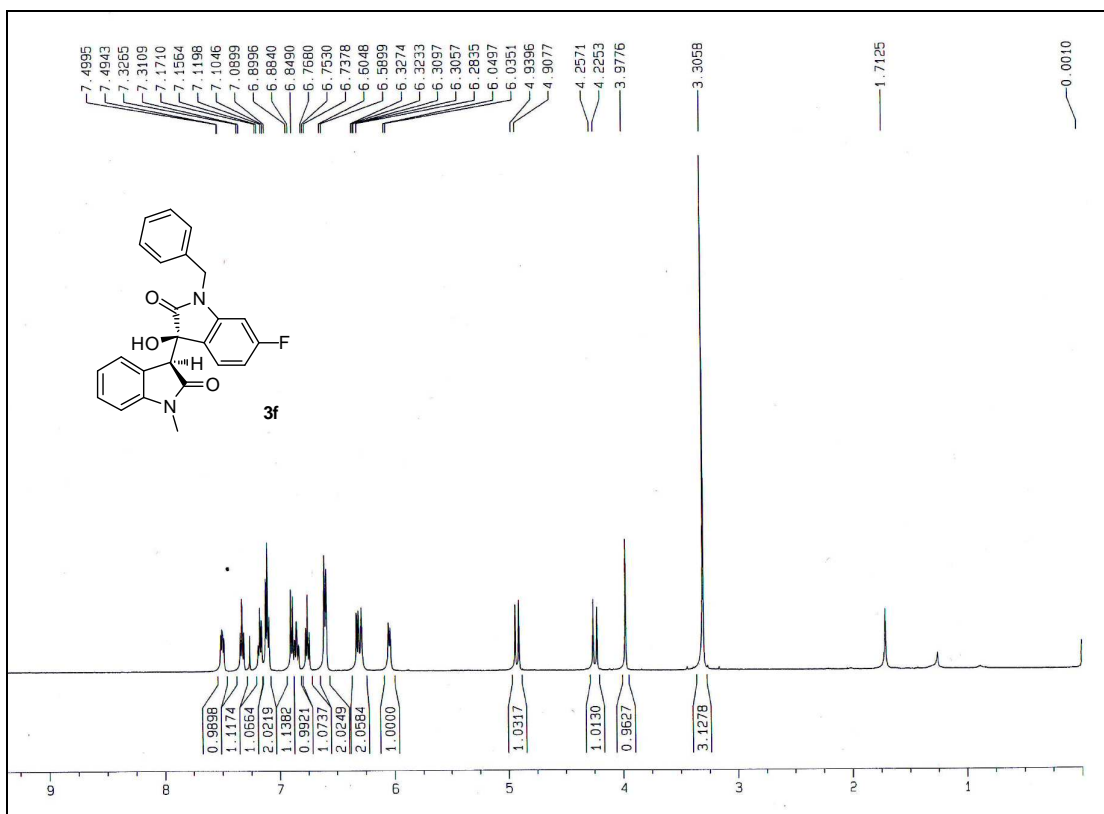


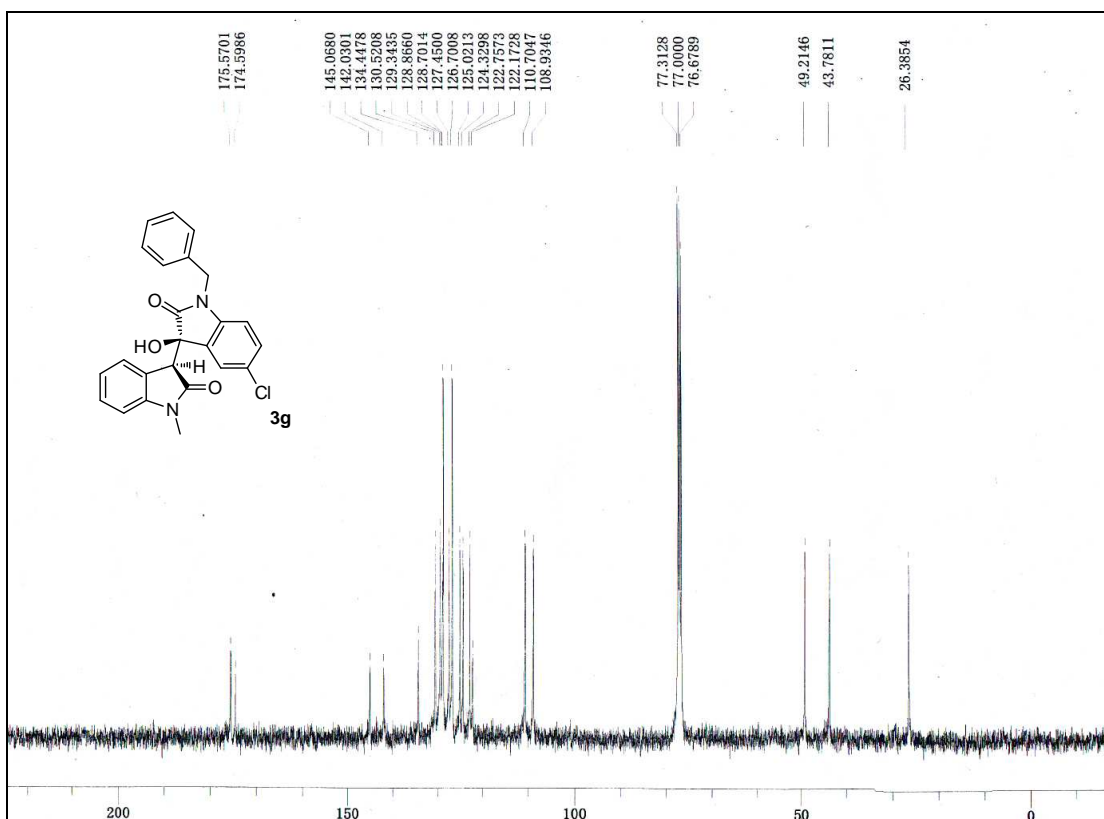
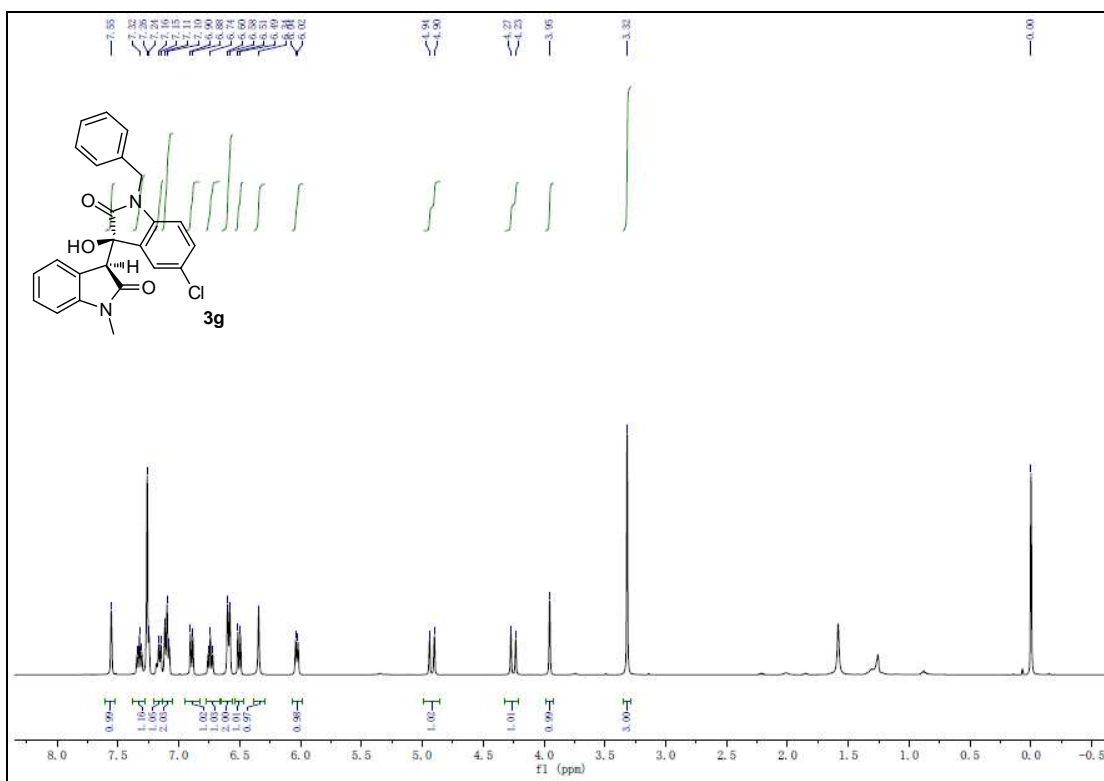


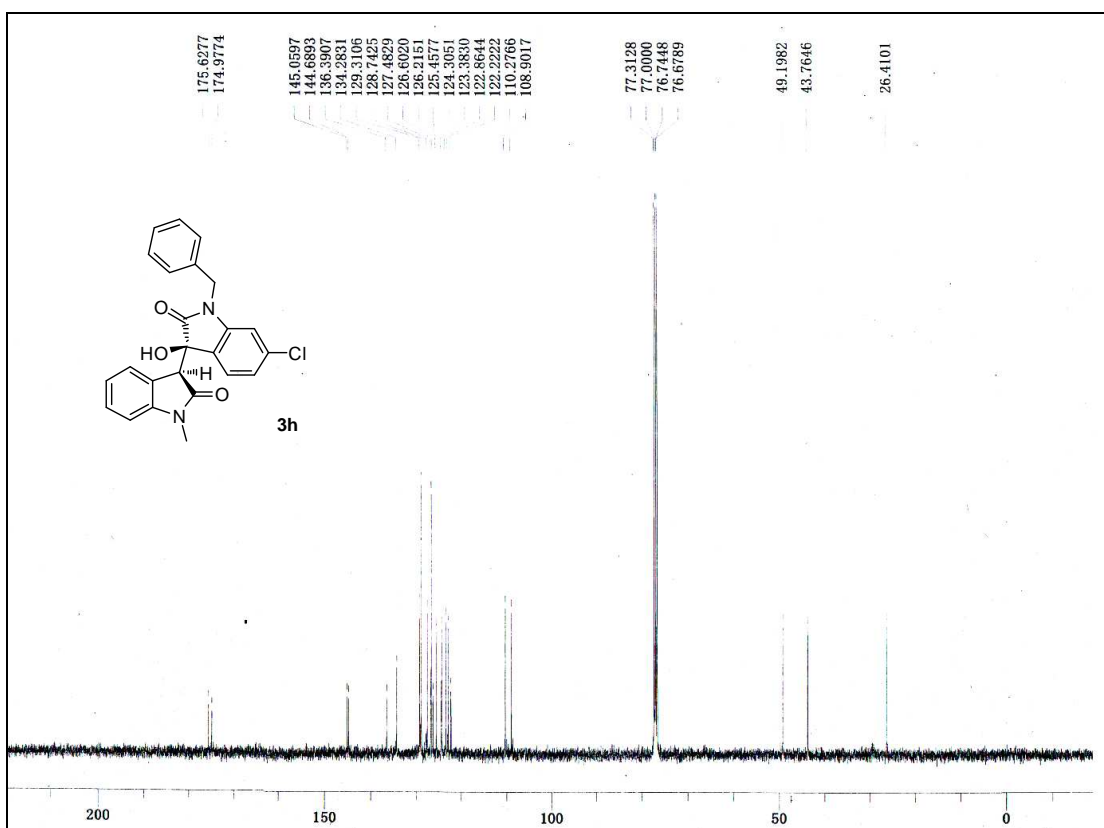
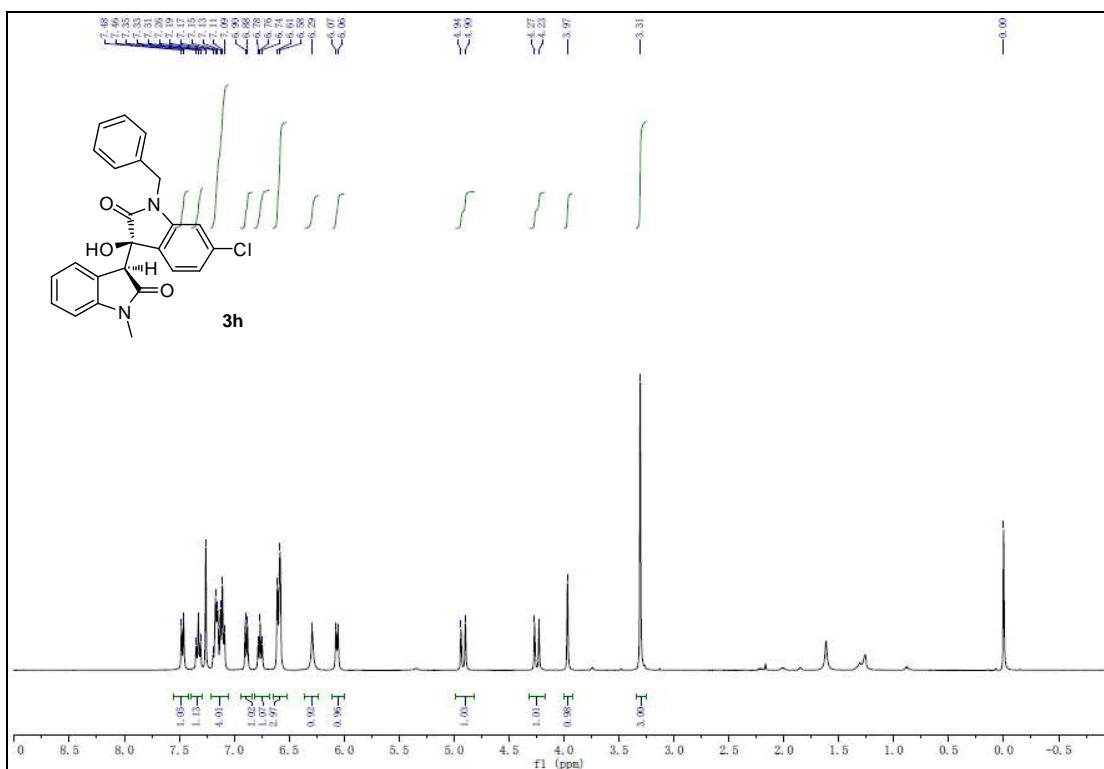


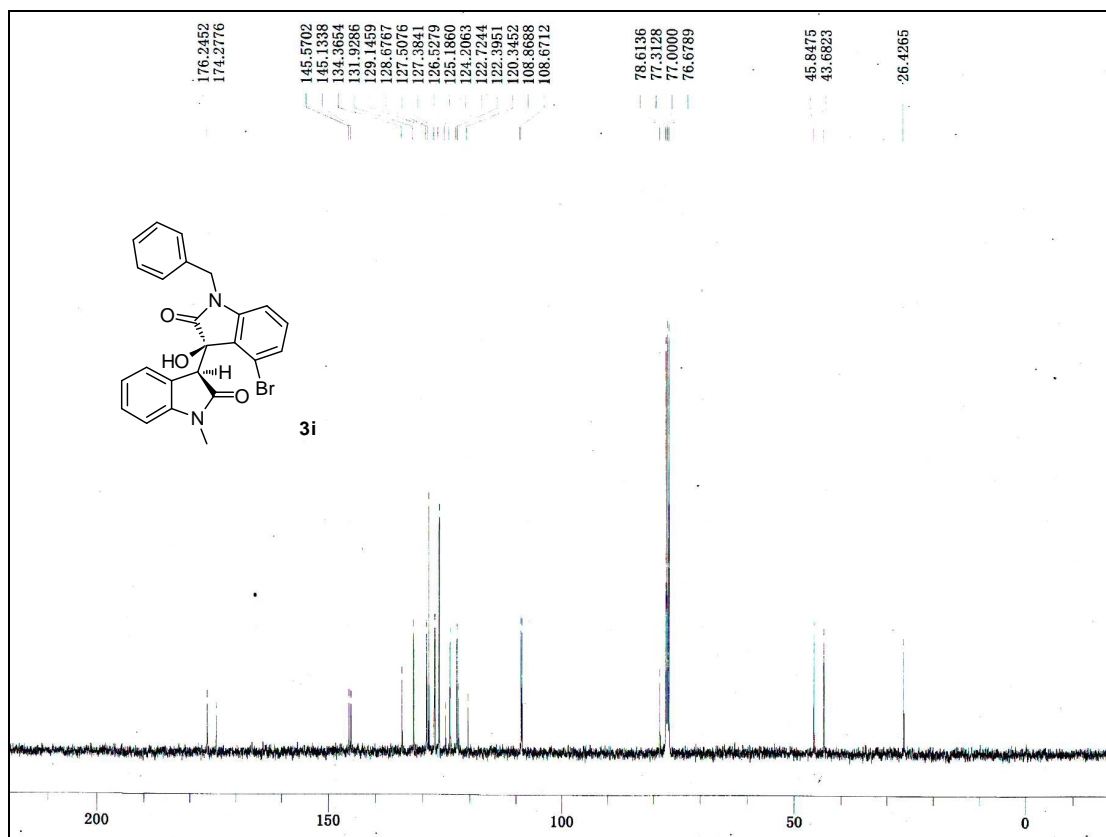
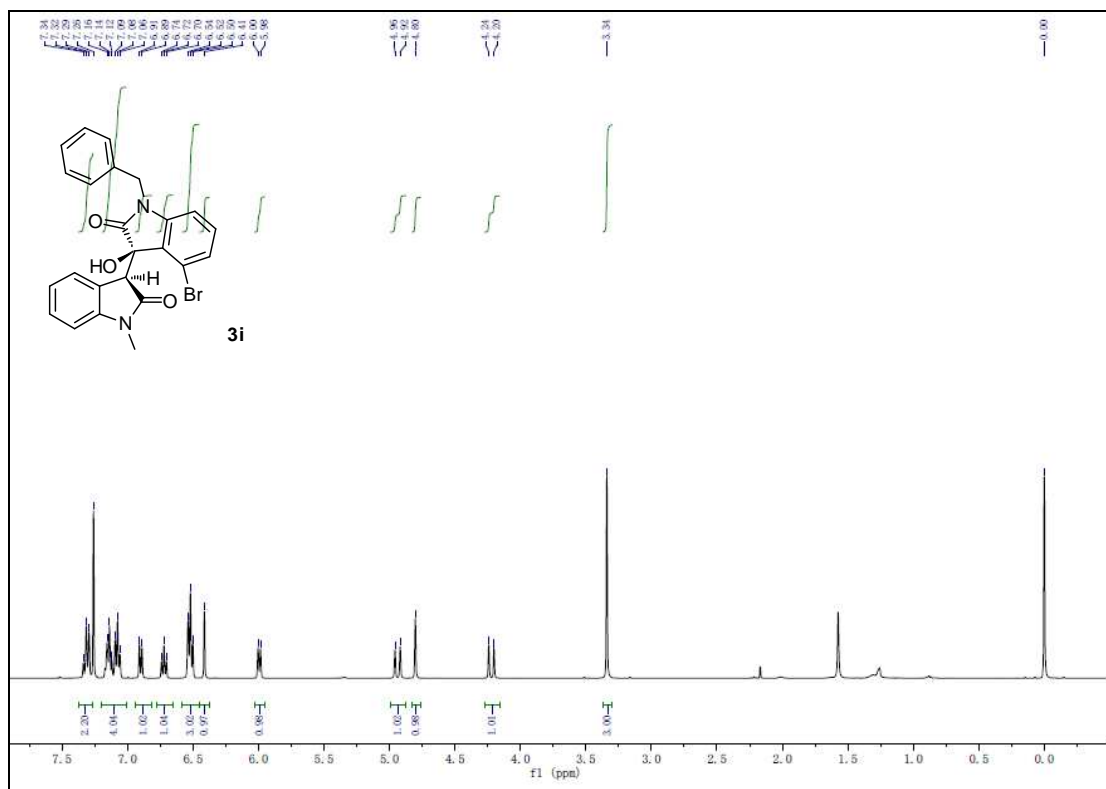


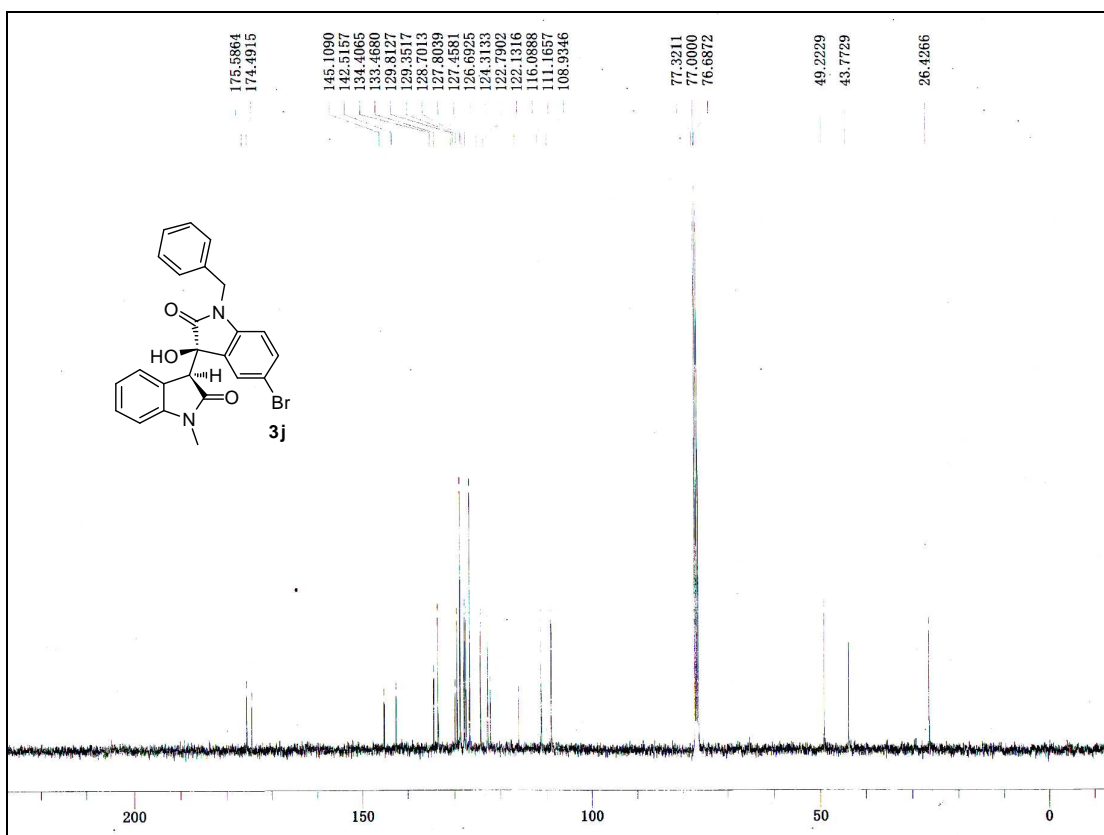
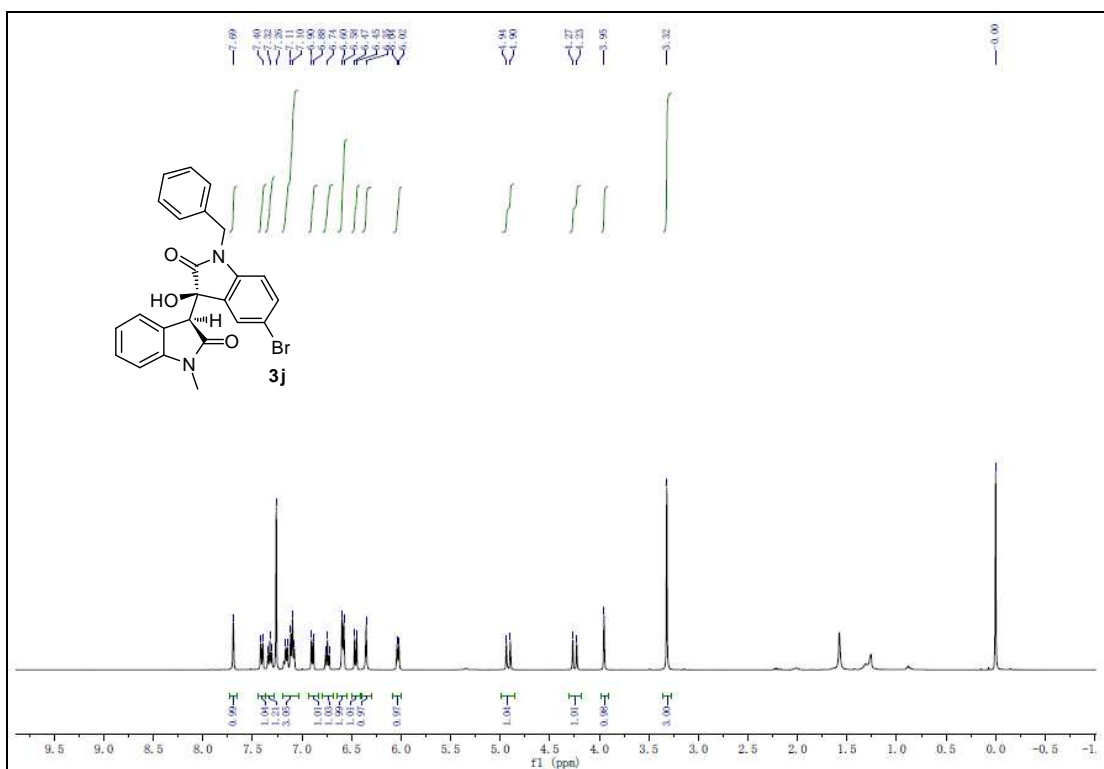


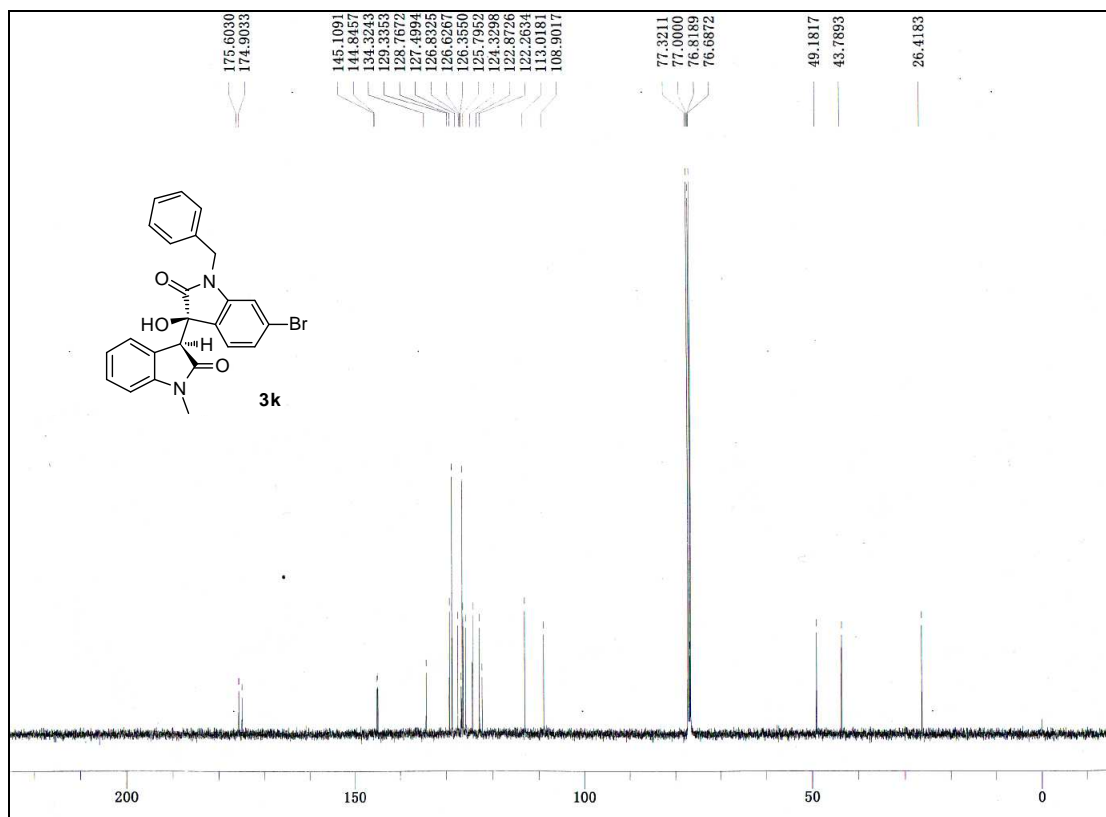
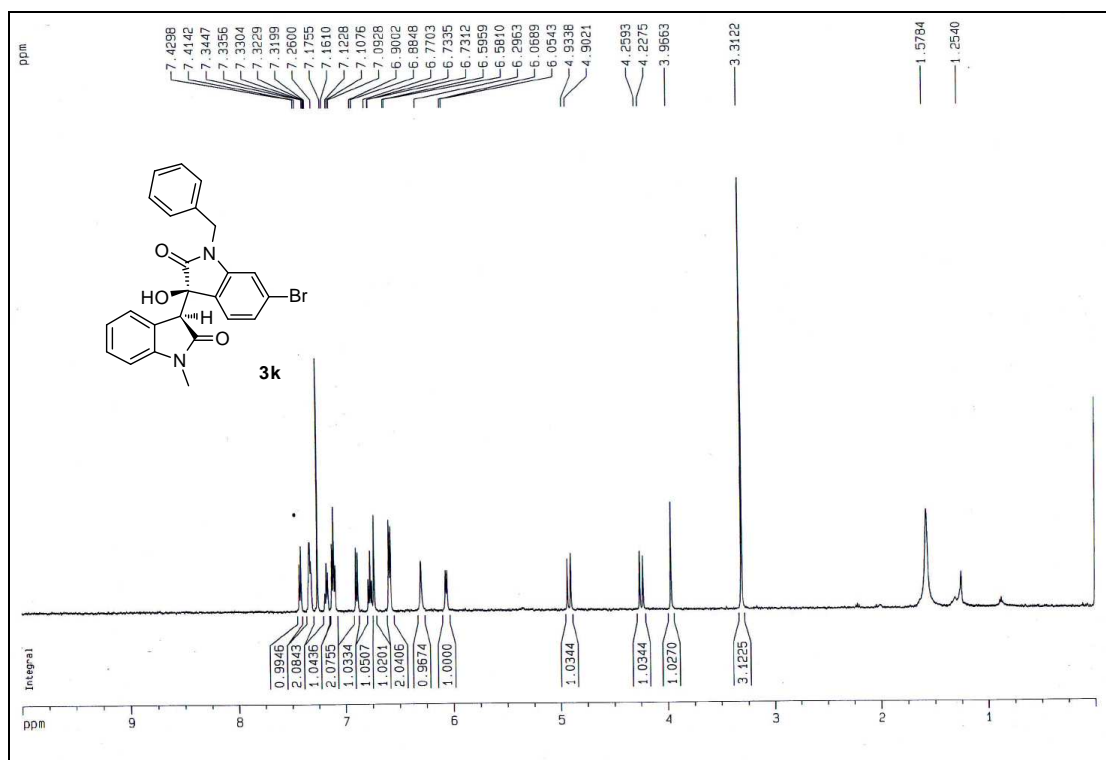


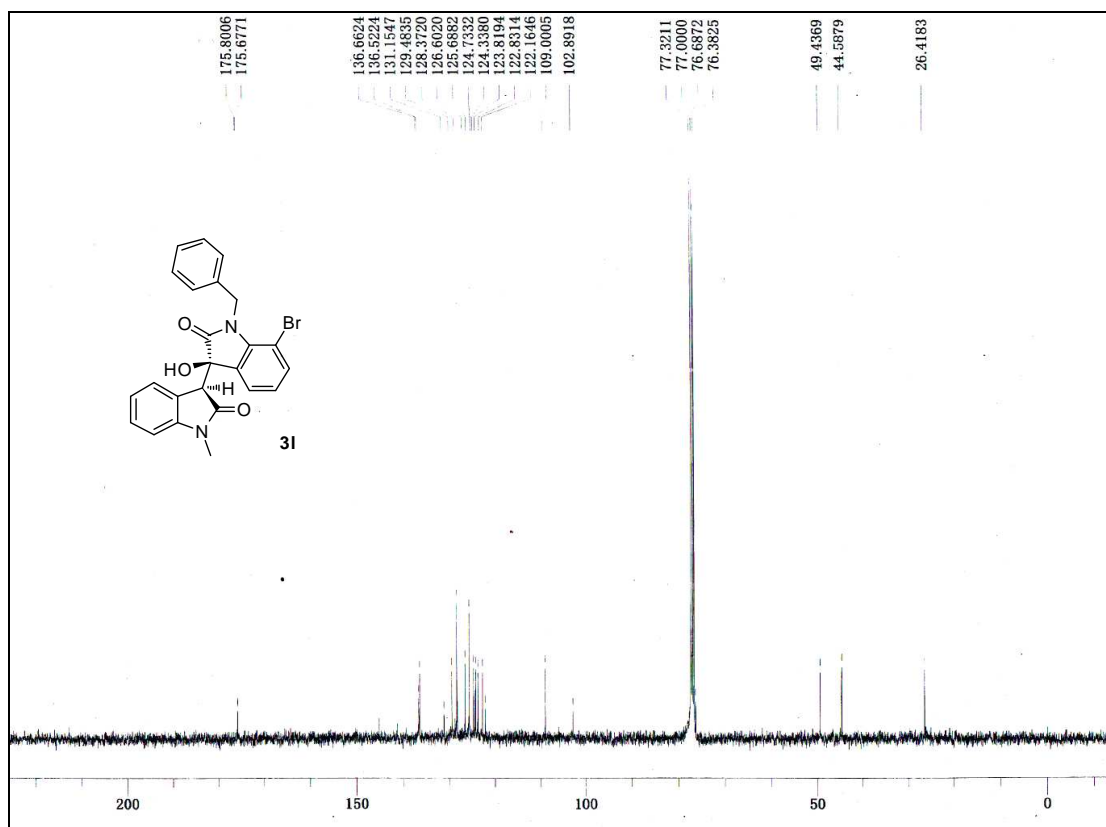
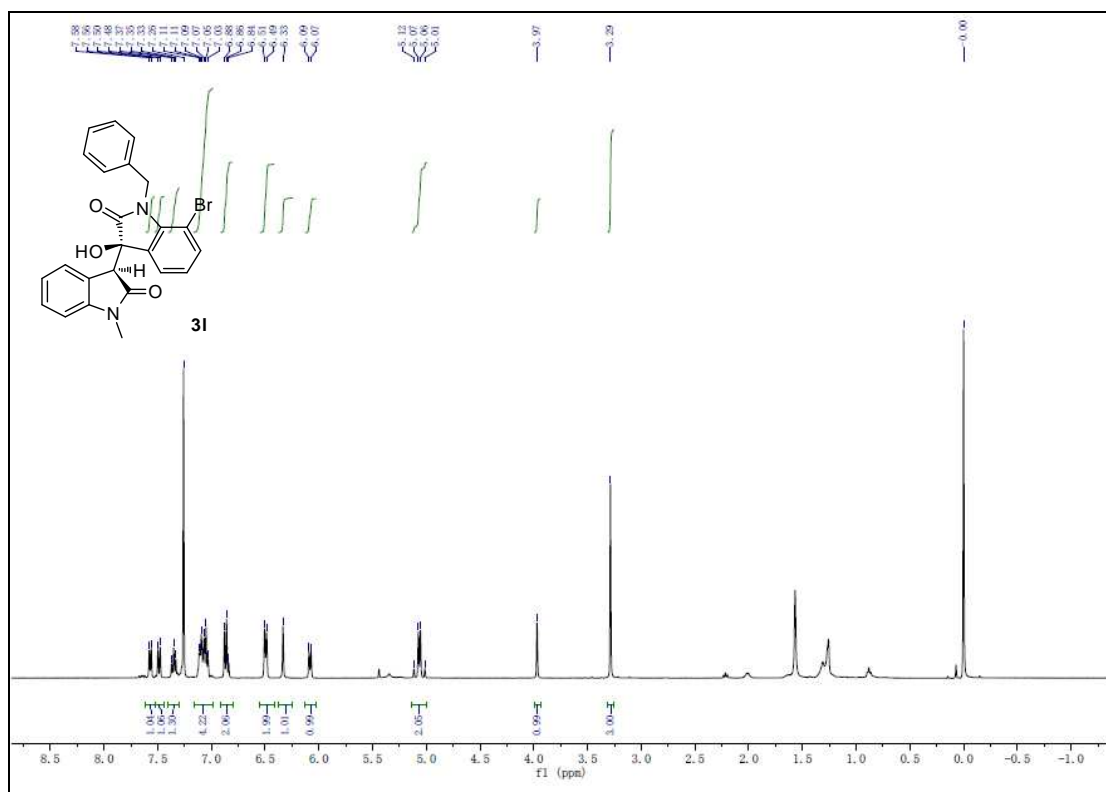


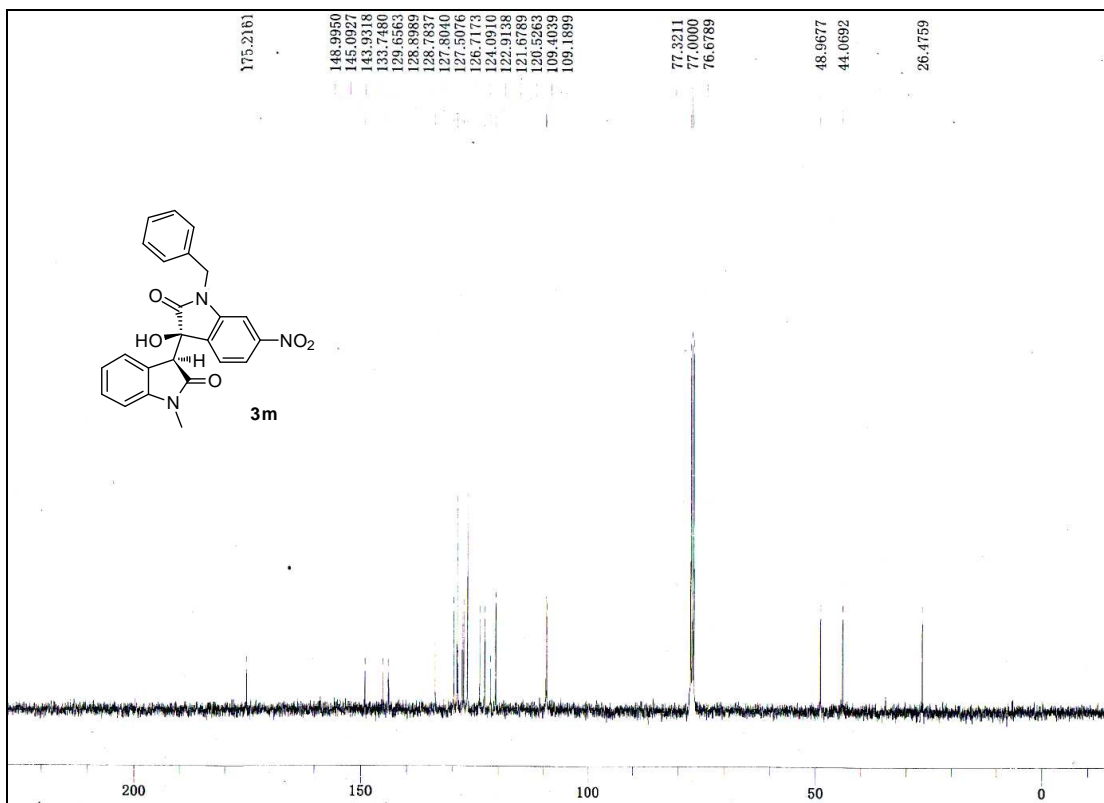
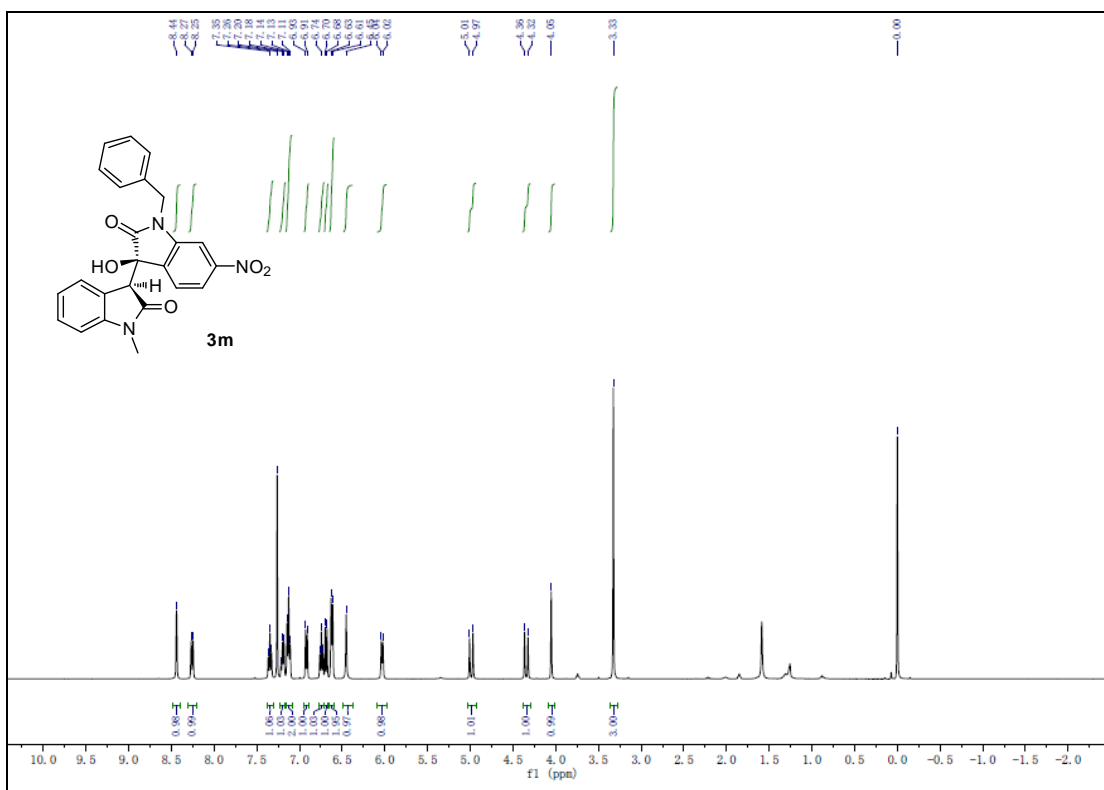


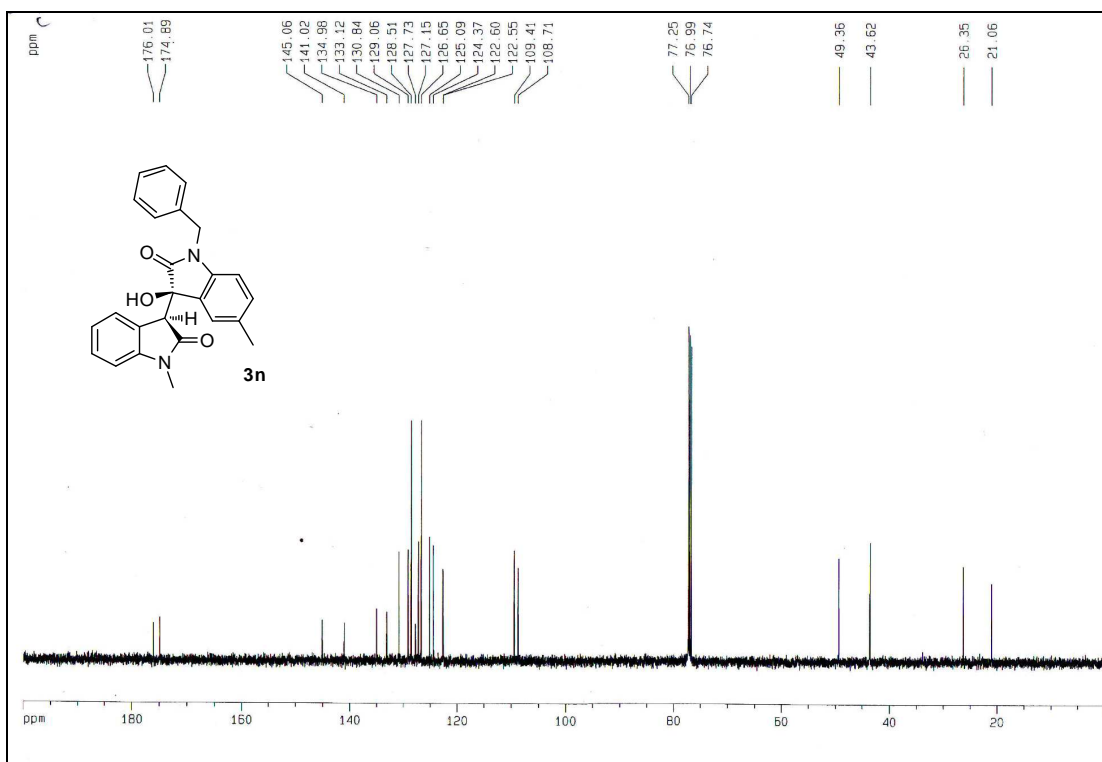
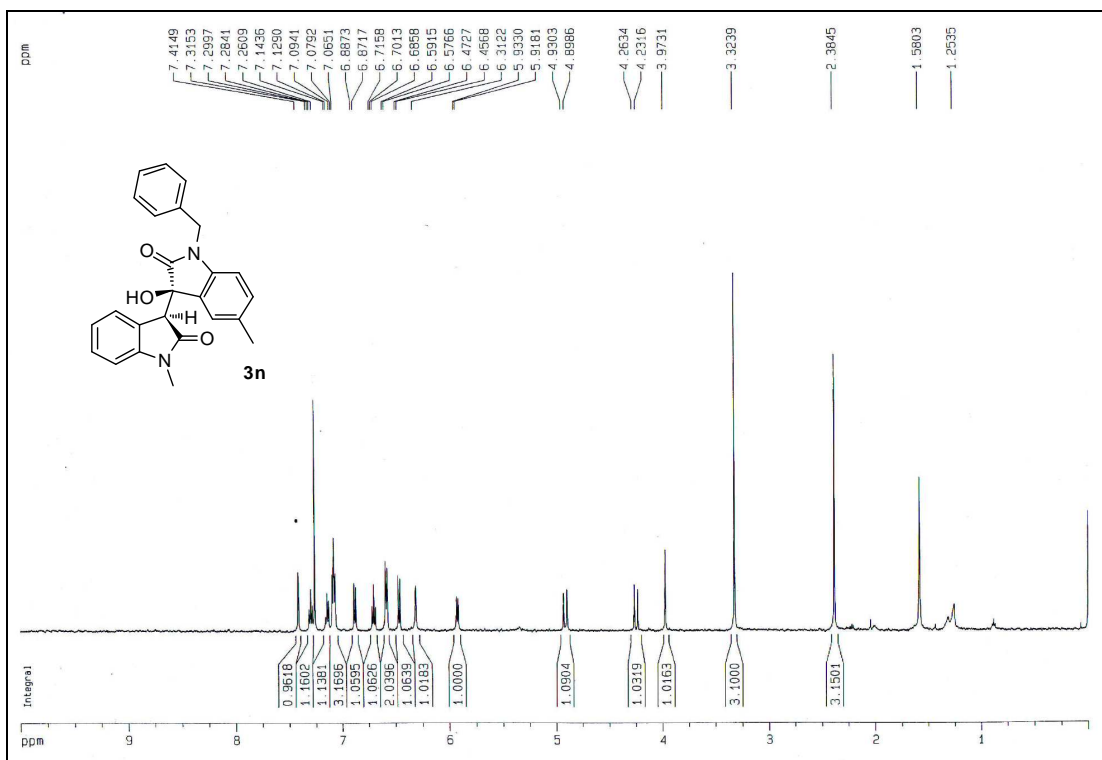


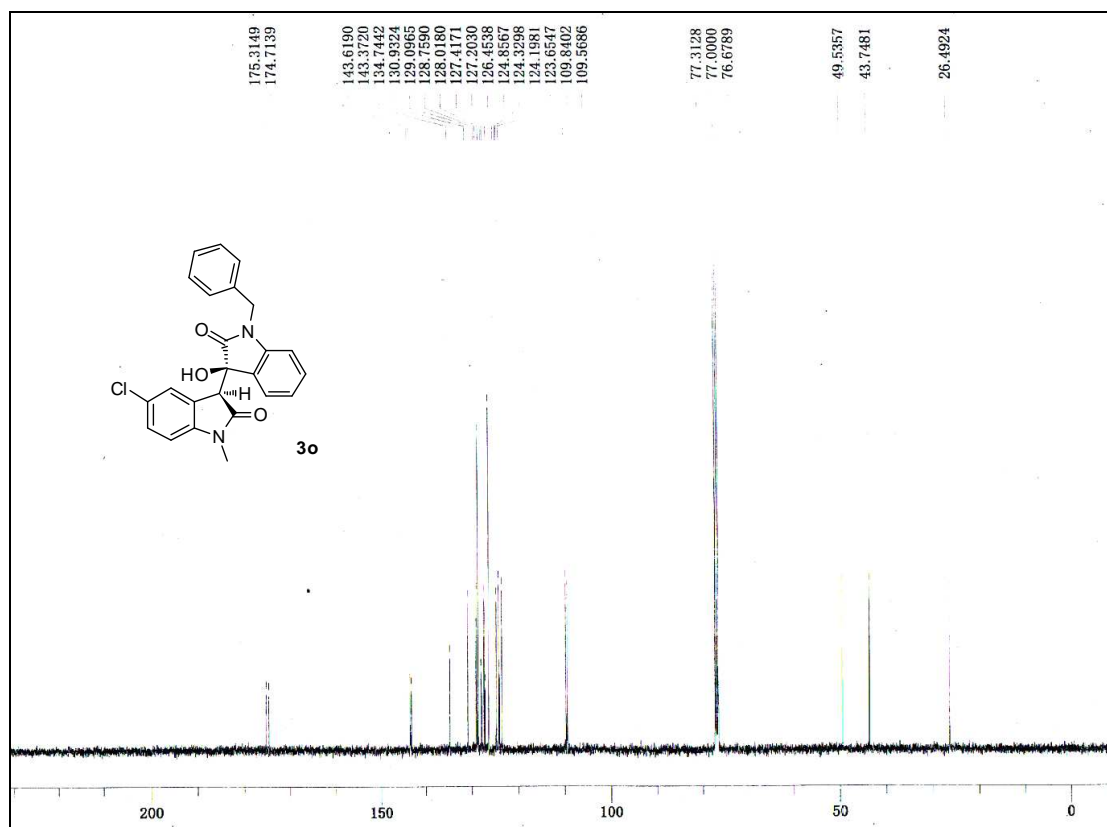
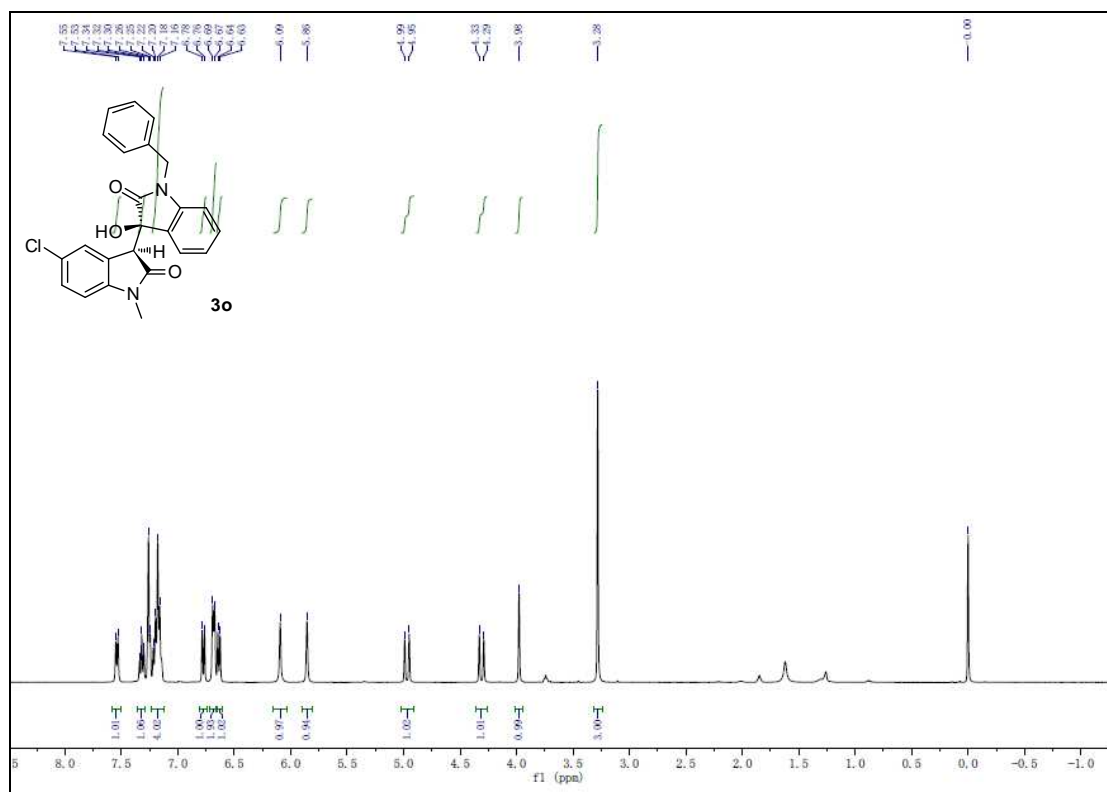


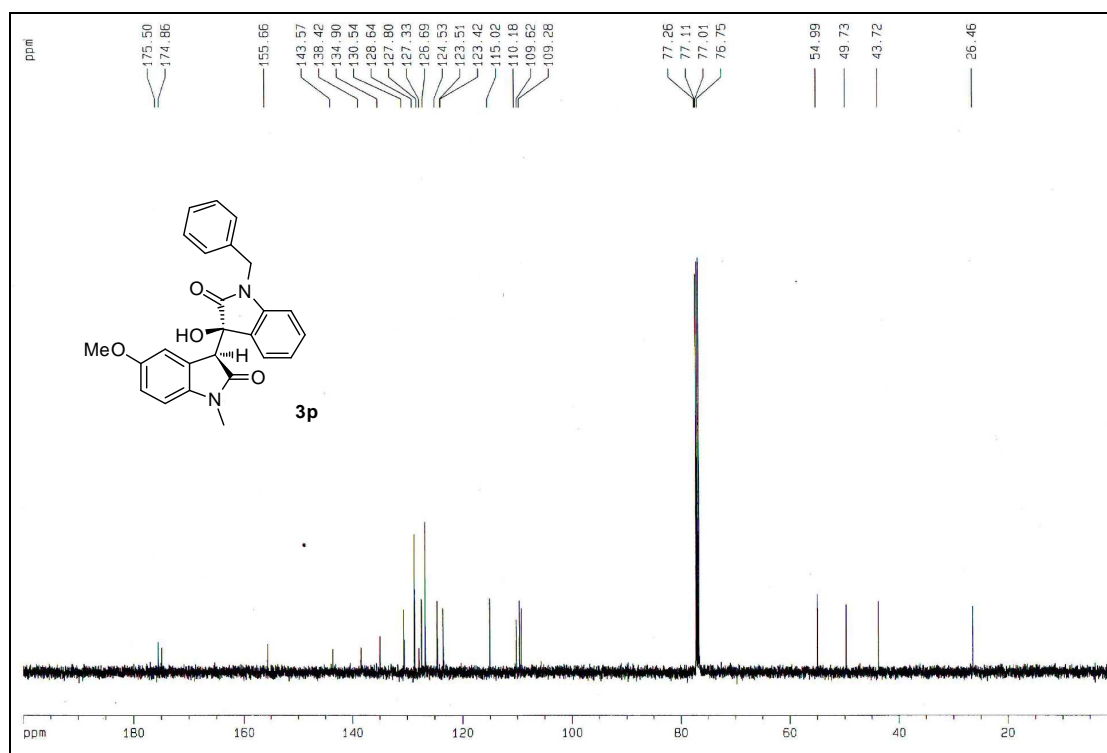
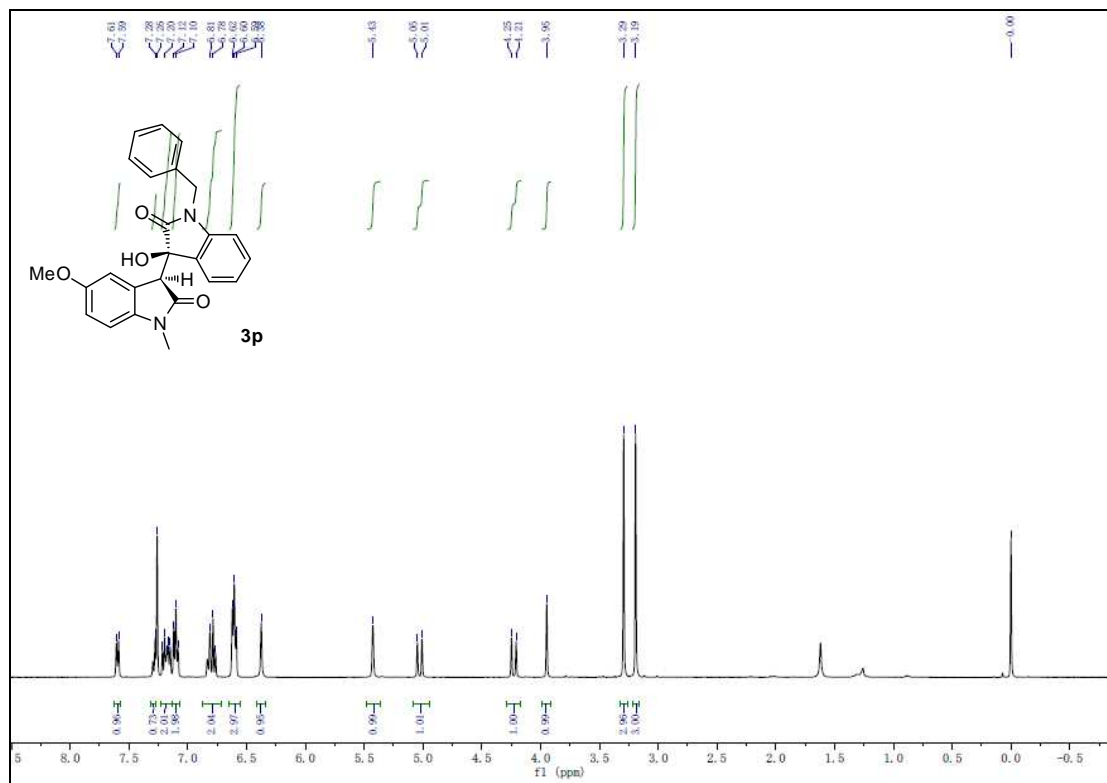


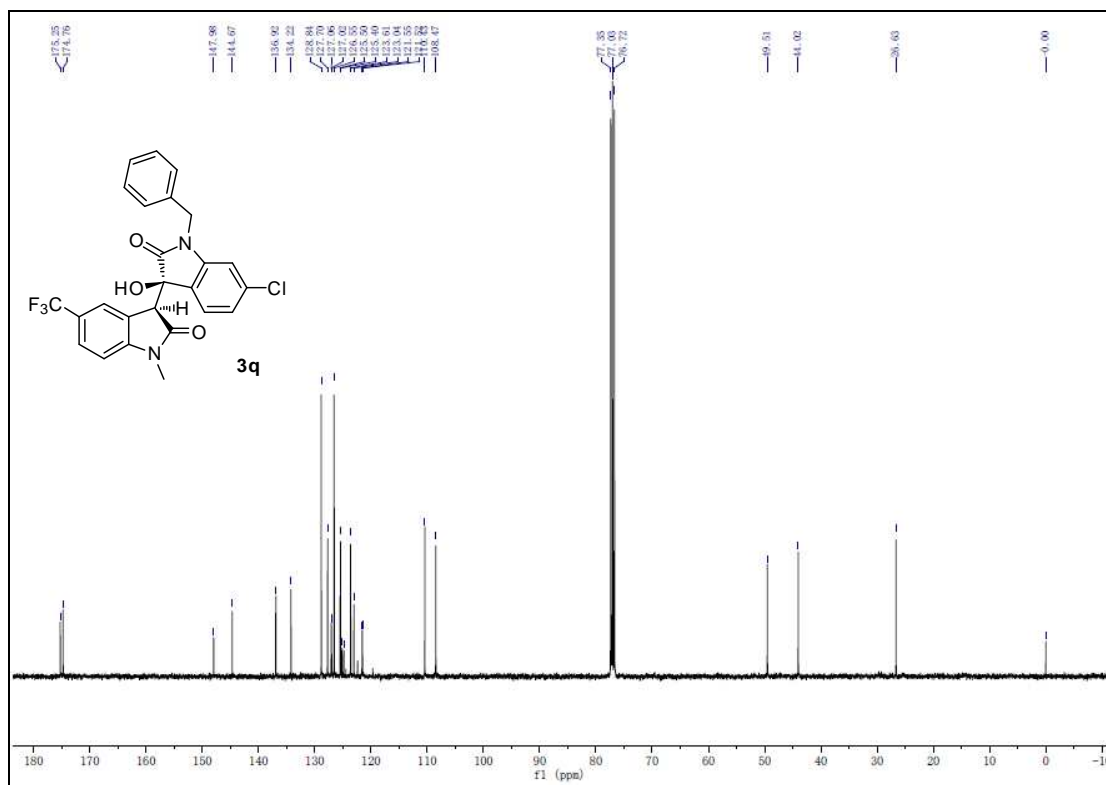
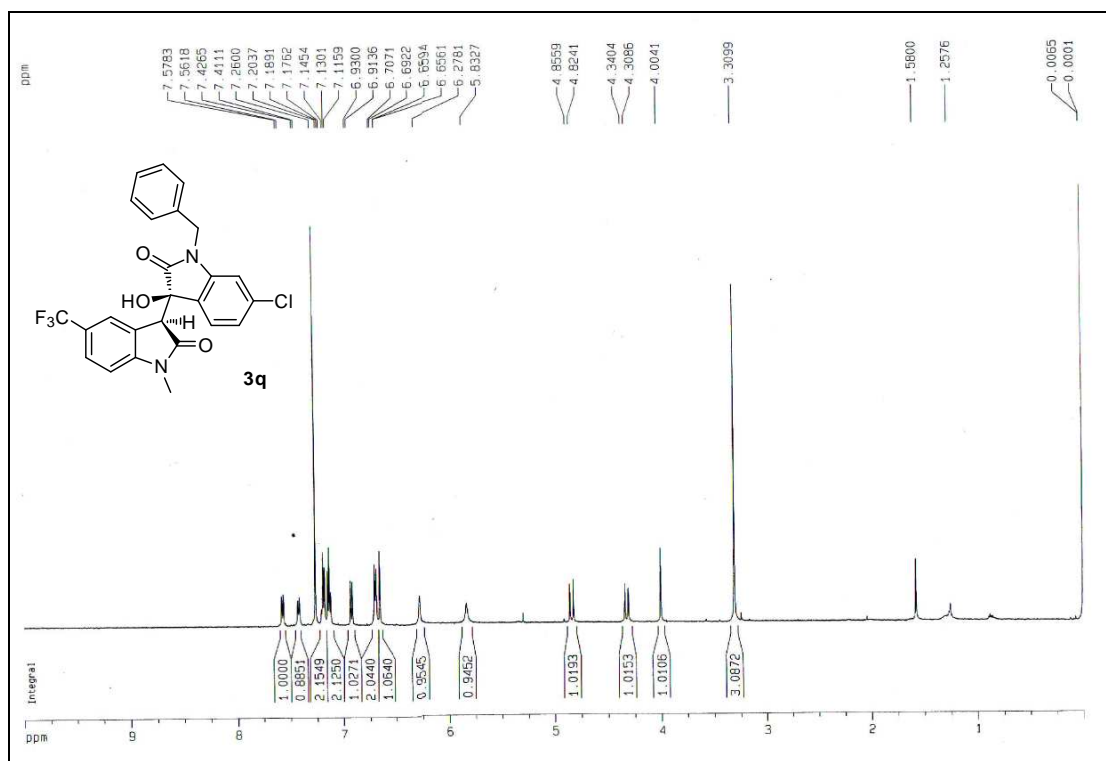


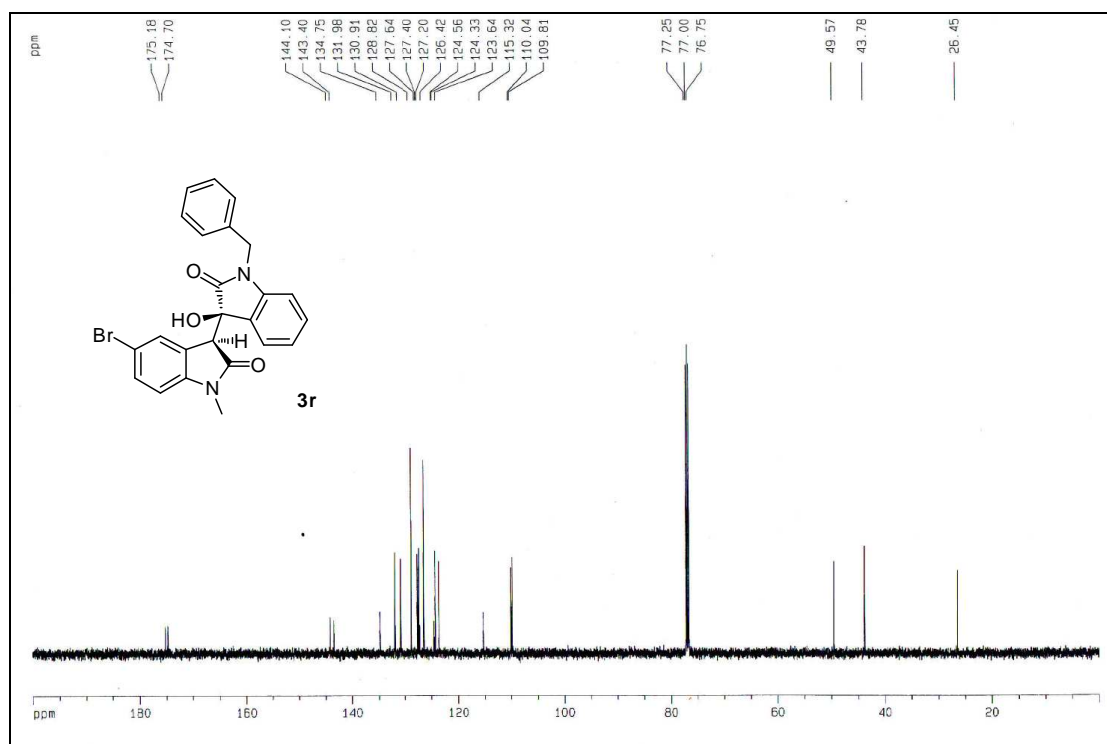
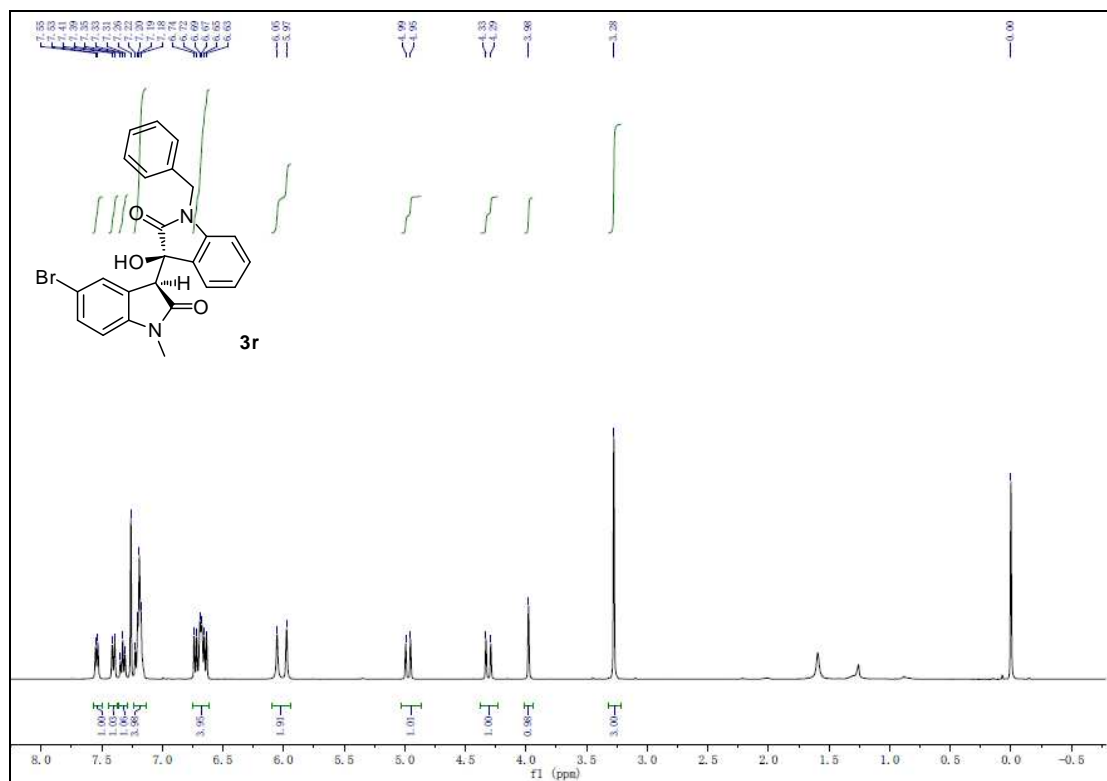


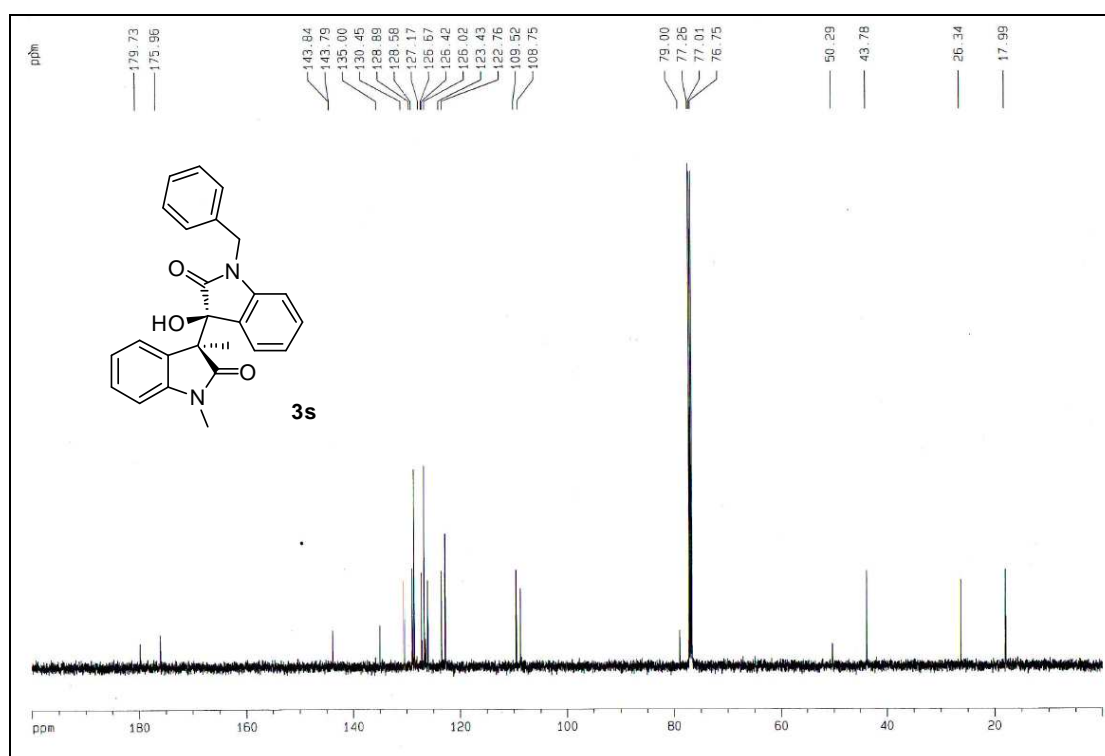
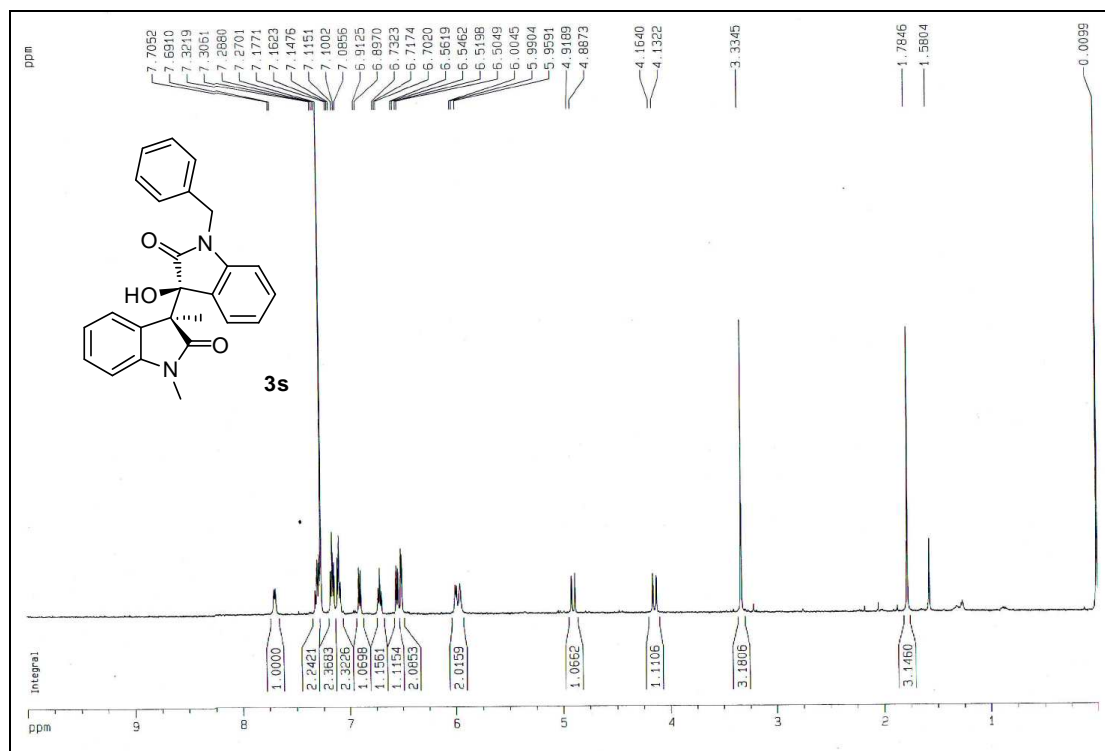












3. LC-MS spectrum for 3d

