Electronic Supporting Information (ESI) for:

Design, Synthesis and Bioactivity Studies of N-Amino-Maleimide Derivatives Containing Hydrazone Group

## **Content**

<sup>1</sup>H-NMR and <sup>13</sup>C-NMR Spectra (Figure S1-S34) for compounds **1-17** 

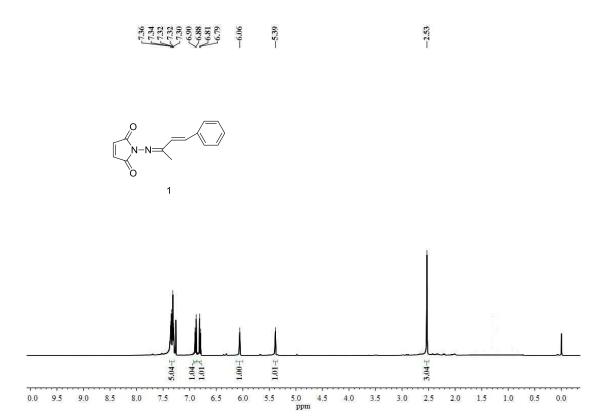


Figure S1  $^{1}$ H NMR spectra of compound 1

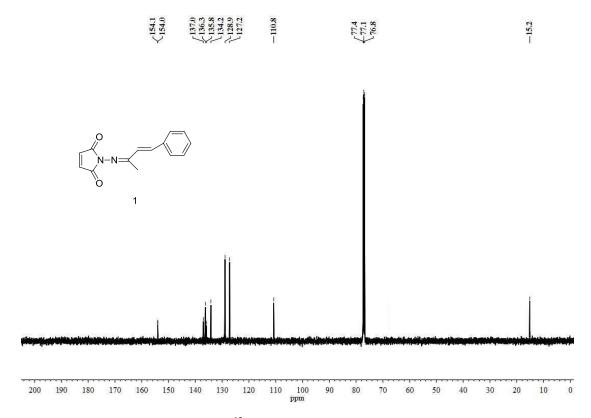


Figure S2  $^{13}$ C NMR spectra of compound 1

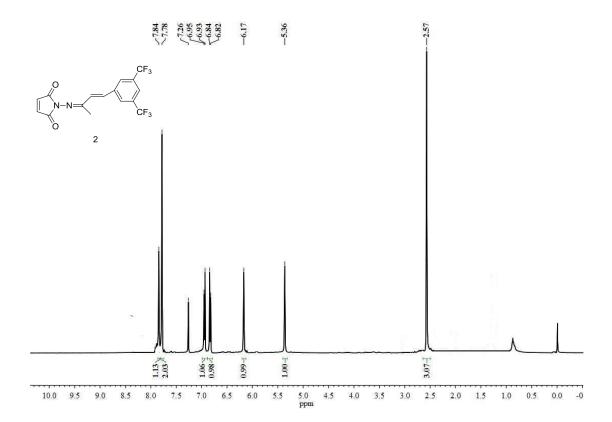


Figure S3  $^1$ H NMR spectra of compound 2

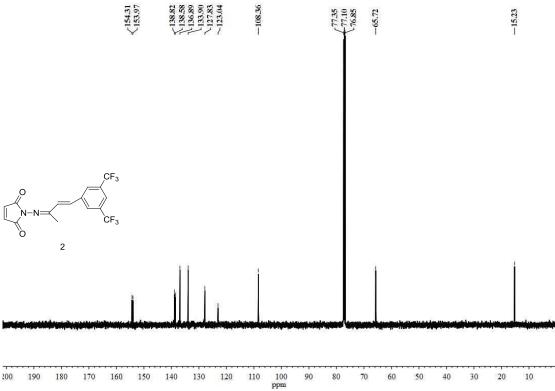
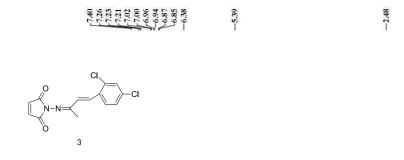


Figure S4 <sup>13</sup>C NMR spectra of compound 2



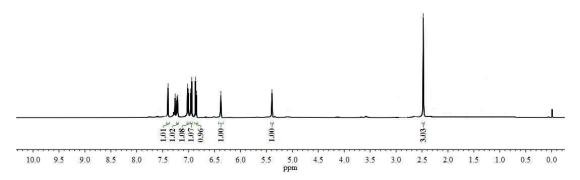


Figure S5 <sup>1</sup>H NMR spectra of compound 3

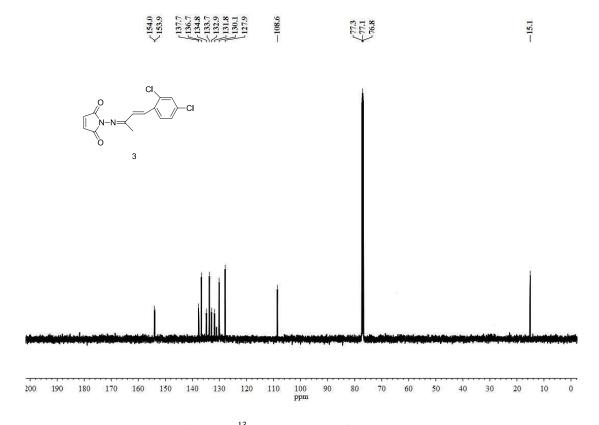
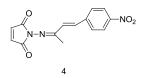


Figure S6  $^{13}$ C NMR spectra of compound 3





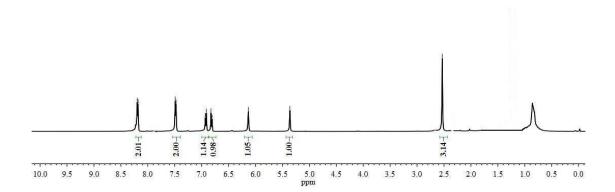


Figure S7  $^1$ H NMR spectra of compound 4

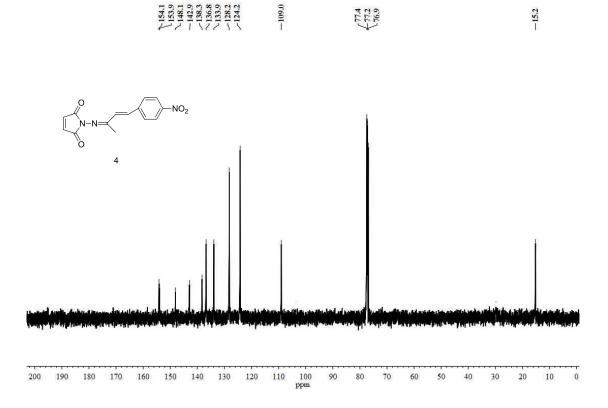


Figure S8  $^{13}$ C NMR spectra of compound 4

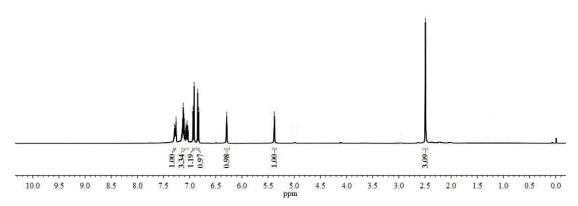


Figure S9  $^1$ H NMR spectra of compound 5

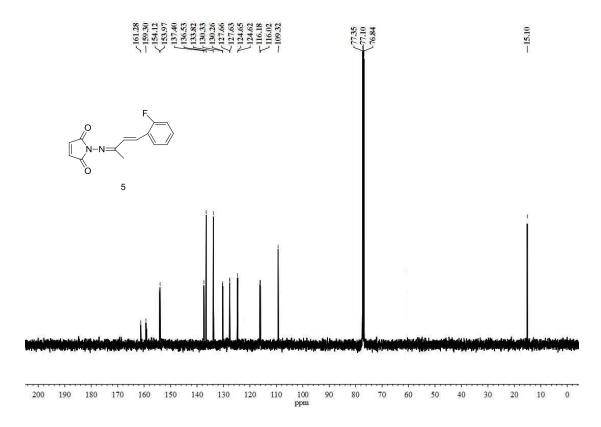


Figure S10  $^{13}$ C NMR spectra of compound 5



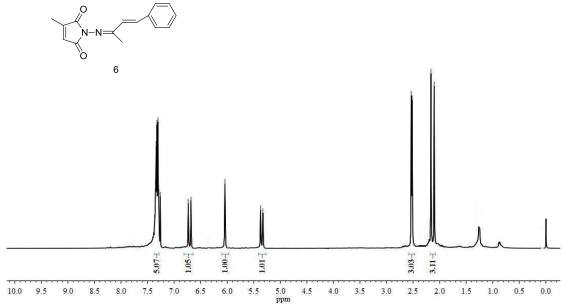


Figure S11  $^{1}$ H NMR spectra of compound 6

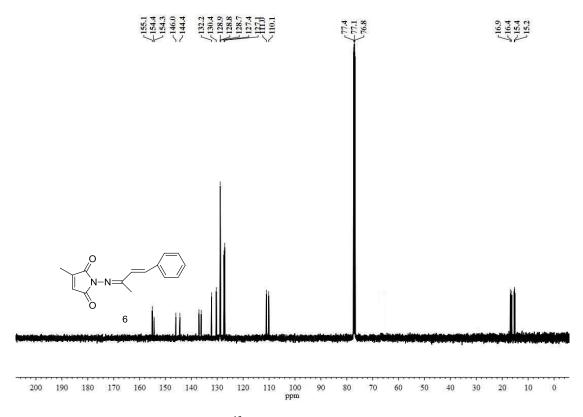


Figure S12  $^{13}$ C NMR spectra of compound 6

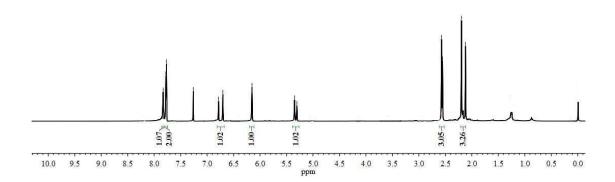


Figure S13 <sup>1</sup>H NMR spectra of compound 7

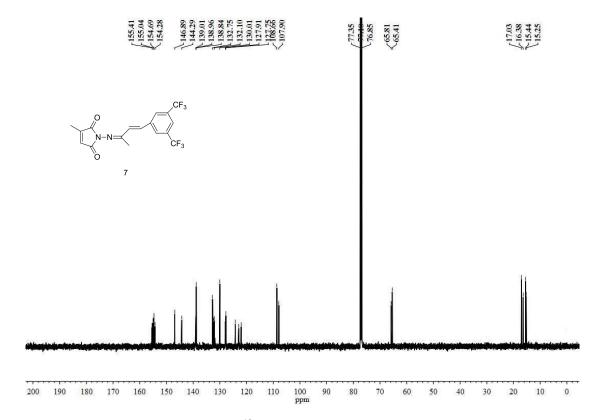


Figure S14  $^{13}$ C NMR spectra of compound 7



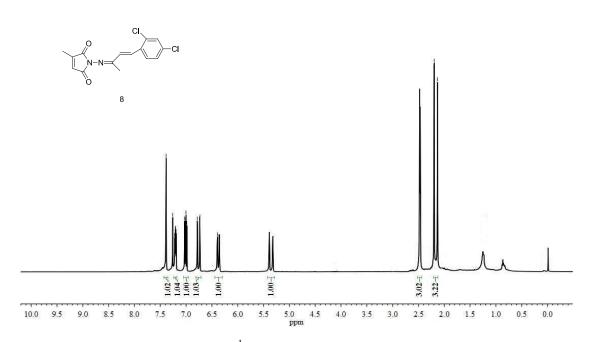


Figure S15 <sup>1</sup>H NMR spectra of compound 8

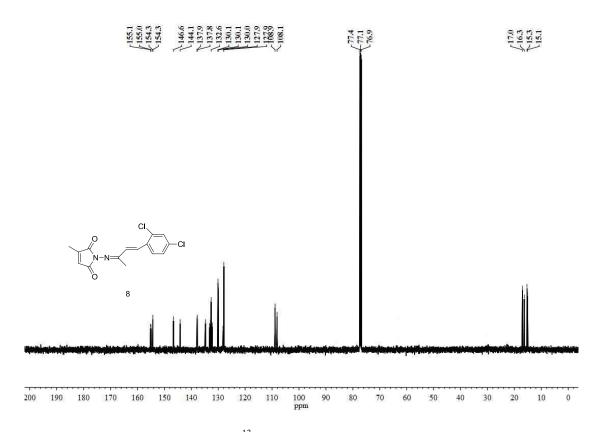


Figure S16  $^{13}$ C NMR spectra of compound 8

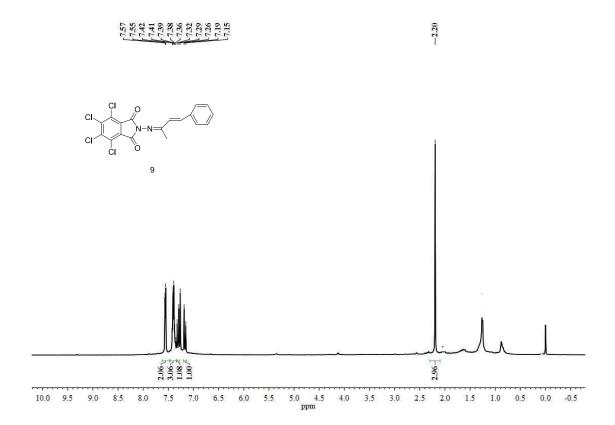


Figure S17 <sup>1</sup>H NMR spectra of compound 9

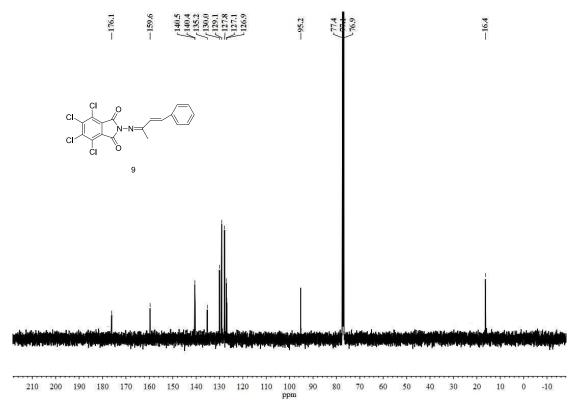


Figure S18  $^{13}$ C NMR spectra of compound 9





Figure S19 <sup>1</sup>H NMR spectra of compound 10

5.0 ppm

6.0 5.5

7.5 7.0 6.5

4.5 4.0 3.5 3.0 2.5 2.0 1.5

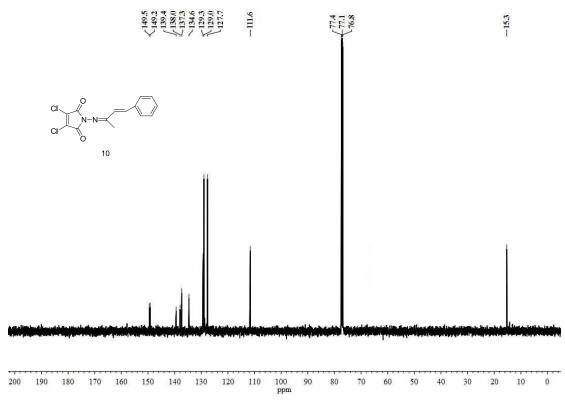


Figure S20  $^{13}\mbox{C}$  NMR spectra of compound 10

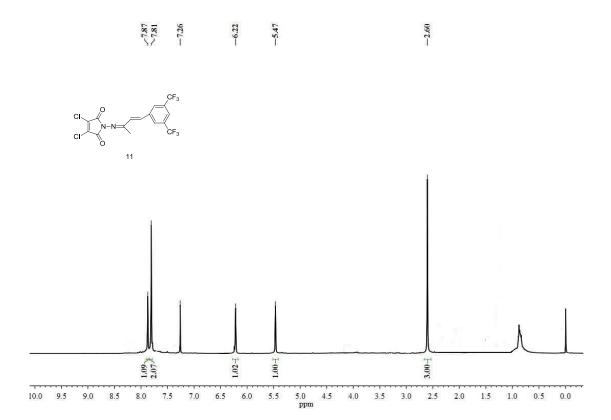


Figure S21 <sup>1</sup>H NMR spectra of compound 11

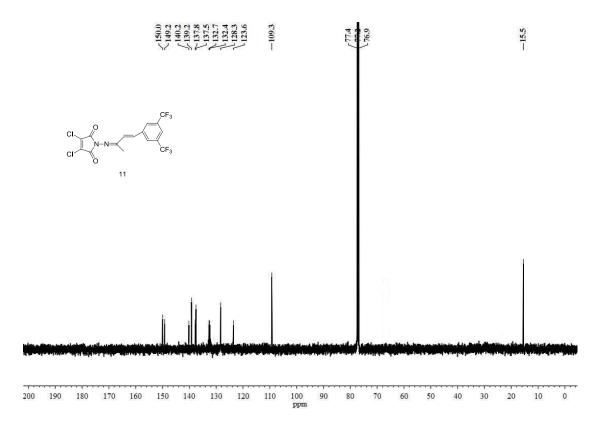
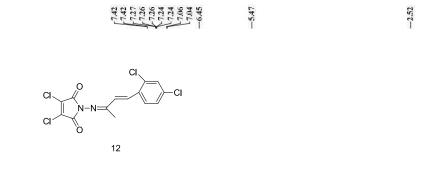


Figure S22  $^{13}$ C NMR spectra of compound 11



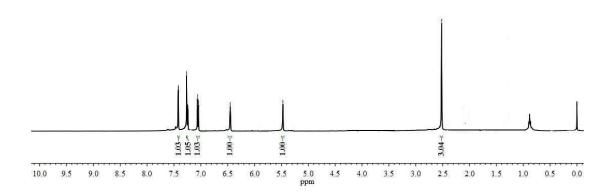


Figure S23  $^1$ H NMR spectra of compound 12

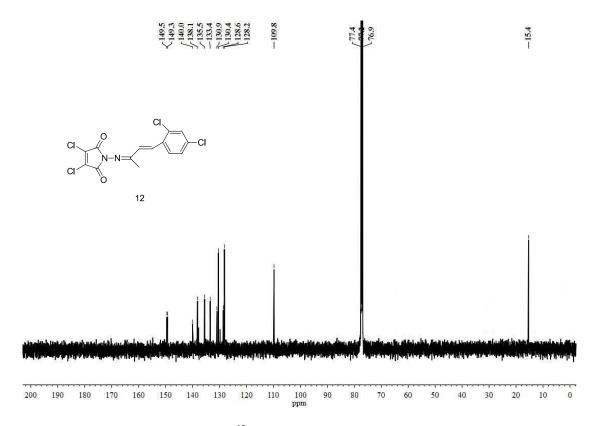


Figure S24  $^{13}$ C NMR spectra of compound 12



$$CI$$
 $N-N$ 
 $N-N$ 
 $N-N$ 
 $N-N$ 

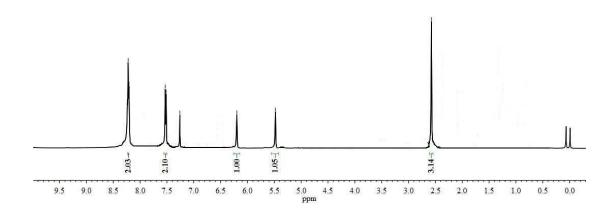
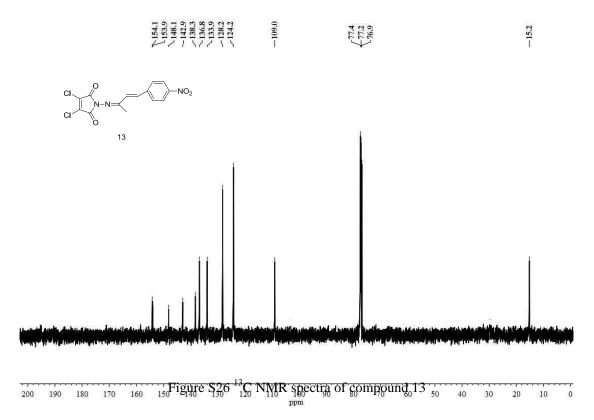


Figure S25  $^1$ H NMR spectra of compound 13



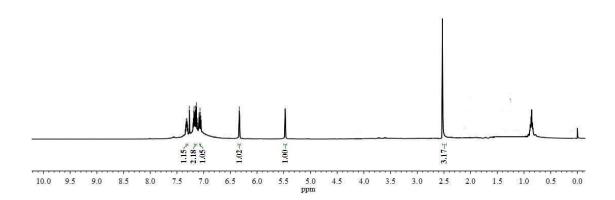


Figure S27 <sup>1</sup>H NMR spectra of compound 14

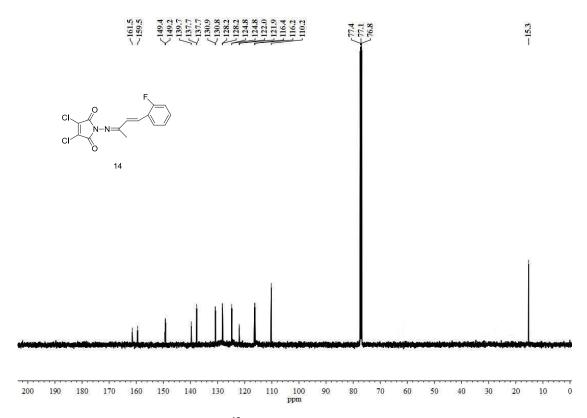


Figure S28 <sup>13</sup>C NMR spectra of compound 14

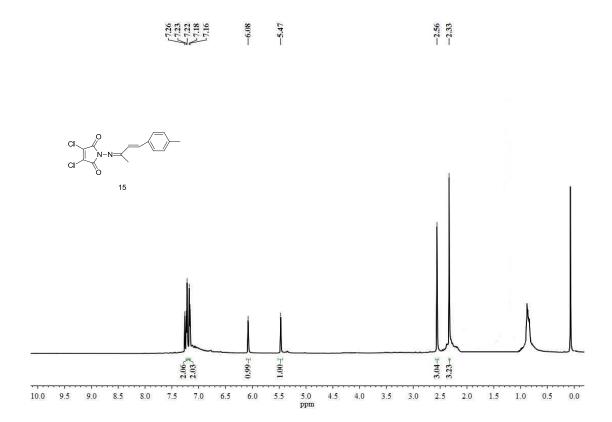


Figure S29  $^1$ H NMR spectra of compound 15

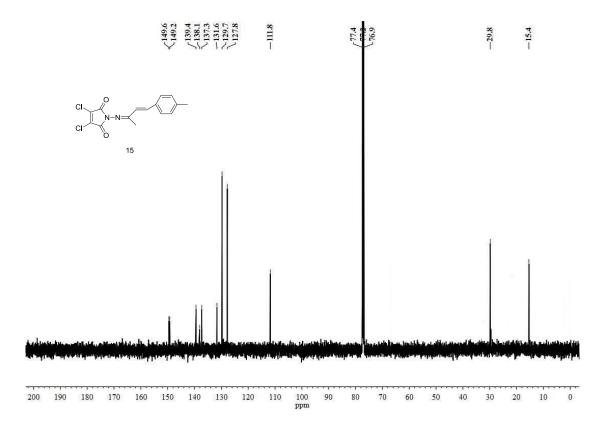


Figure S30  $^{13}$ C NMR spectra of compound 15

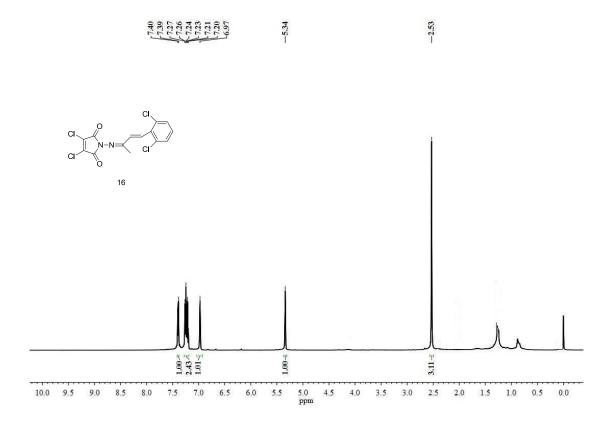


Figure S31 <sup>1</sup>H NMR spectra of compound 16

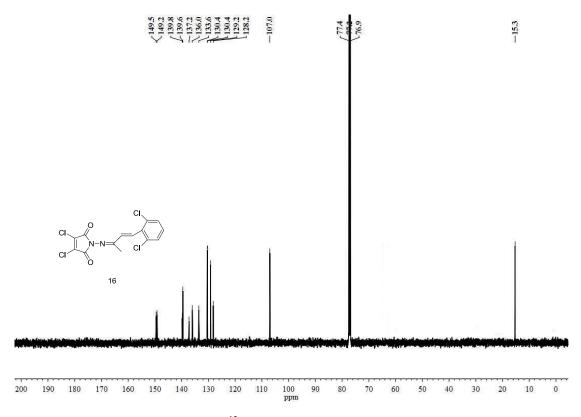


Figure S32  $^{13}$ C NMR spectra of compound 16



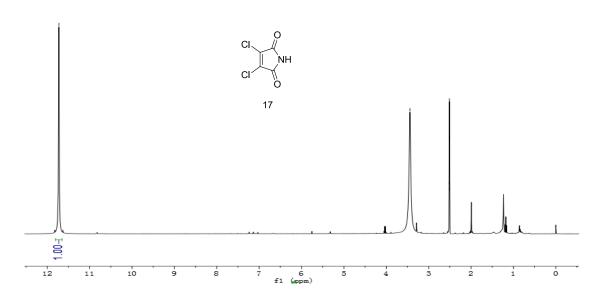


Figure S33 <sup>1</sup>H NMR spectra of compound 17

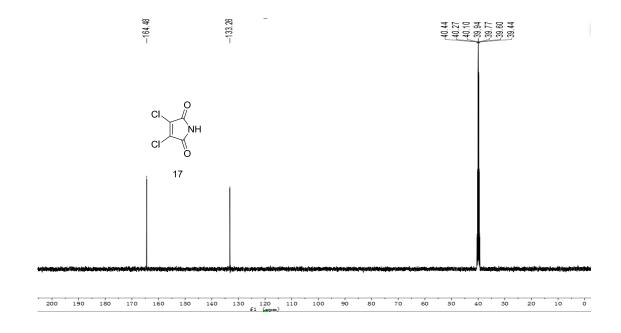


Figure S34  $^{13}$ C NMR spectra of compound 17