Efficient synthesis of ethyl 2-(oxazolin-2yl)alkanoates via ethoxycarbonylketeneinduced electrophilic ring expansion of aziridines

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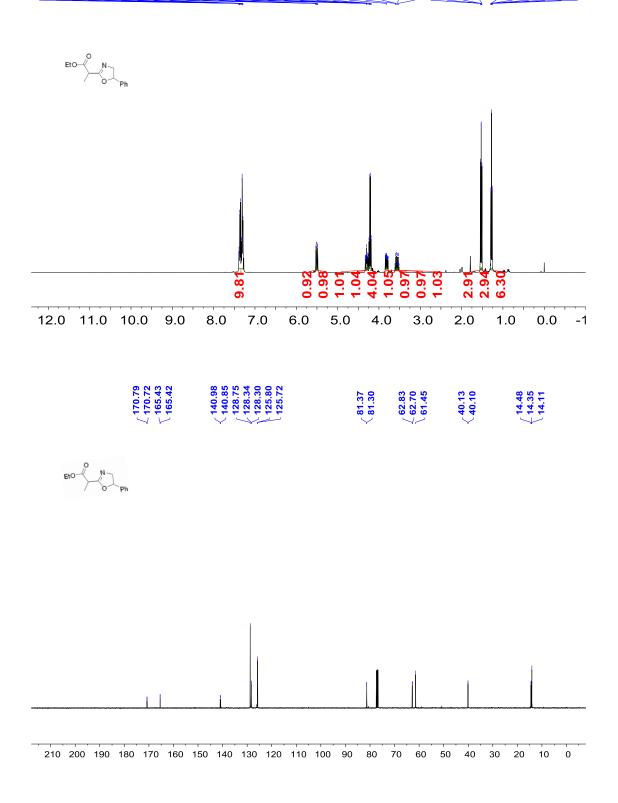
Content

Copies of ¹H, ¹³C, and ³¹P NMR spectra of products **3**......S2

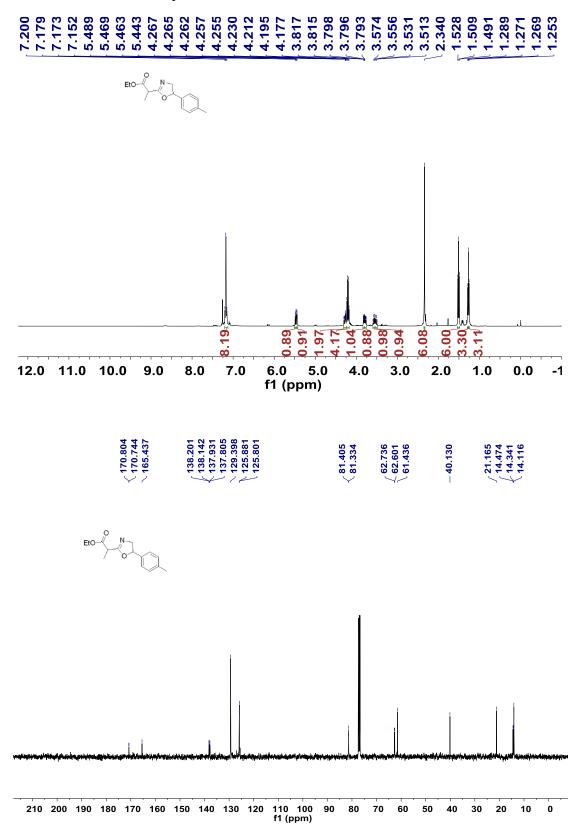
Copies of ¹H, ¹³C, and ³¹P NMR spectra of products **3**

¹H and ¹³C NMR of compound **3aa**

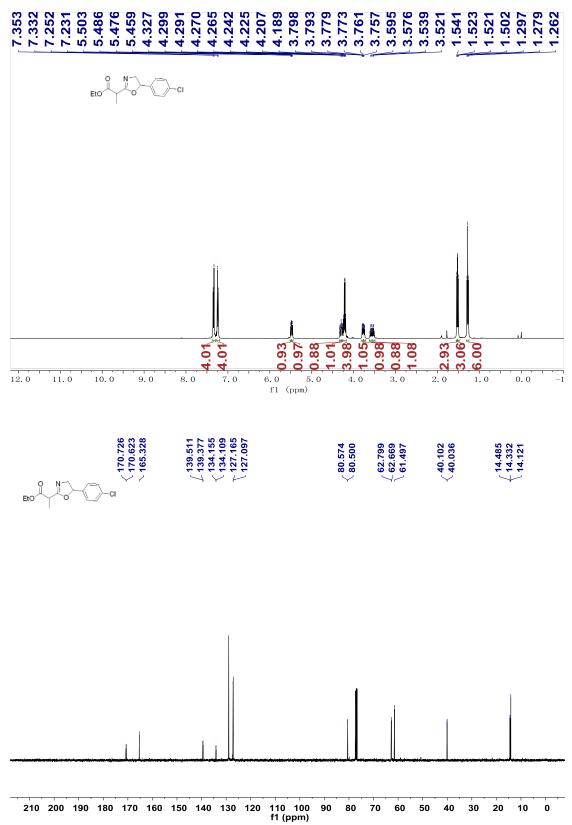
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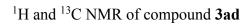


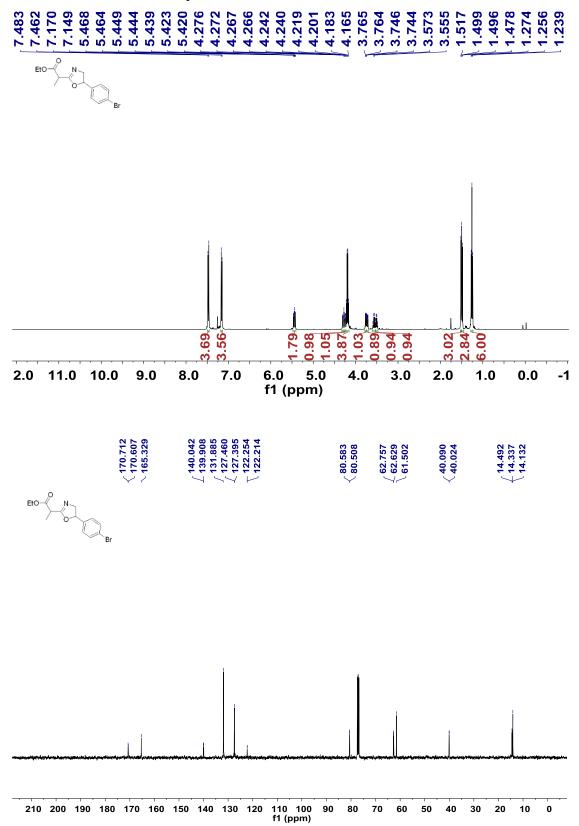
¹H and ¹³C NMR of compound **3ab**



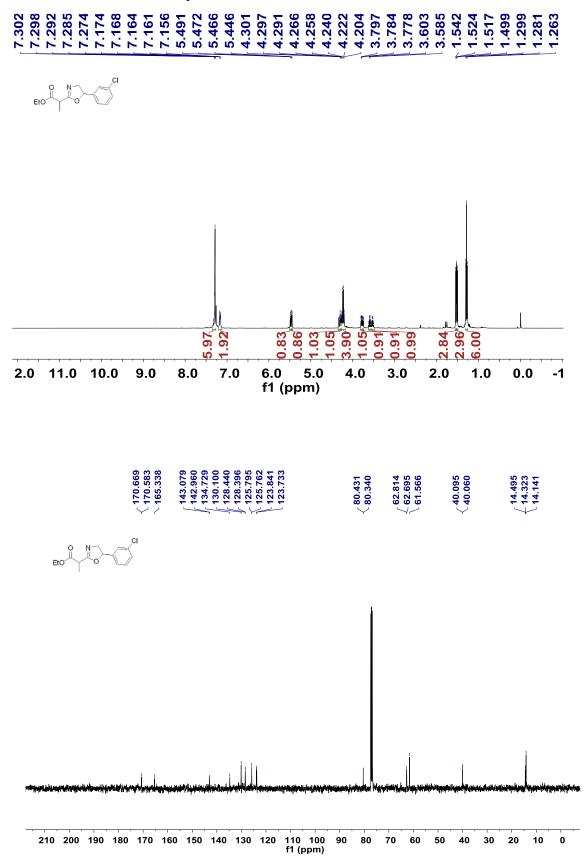
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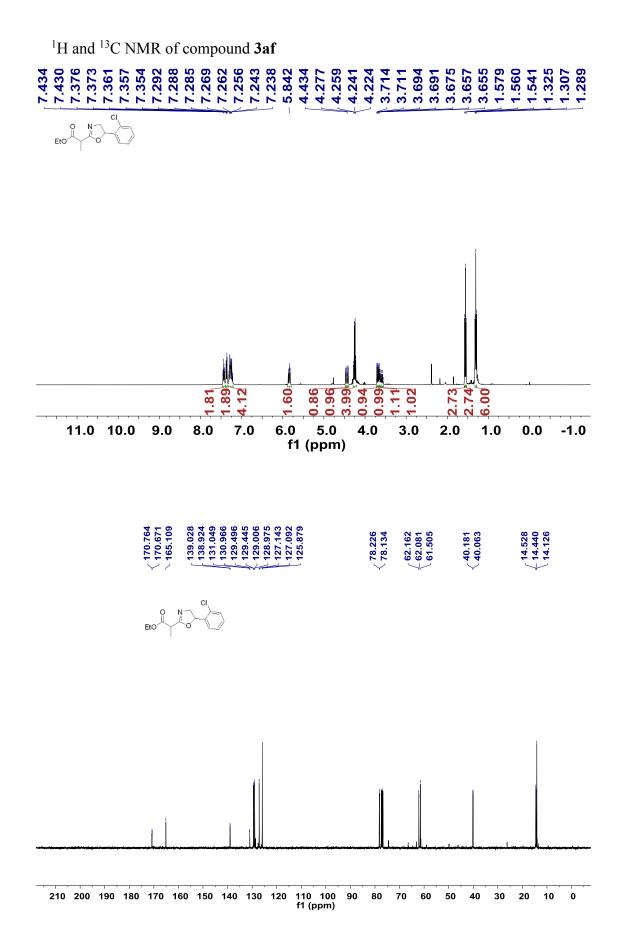




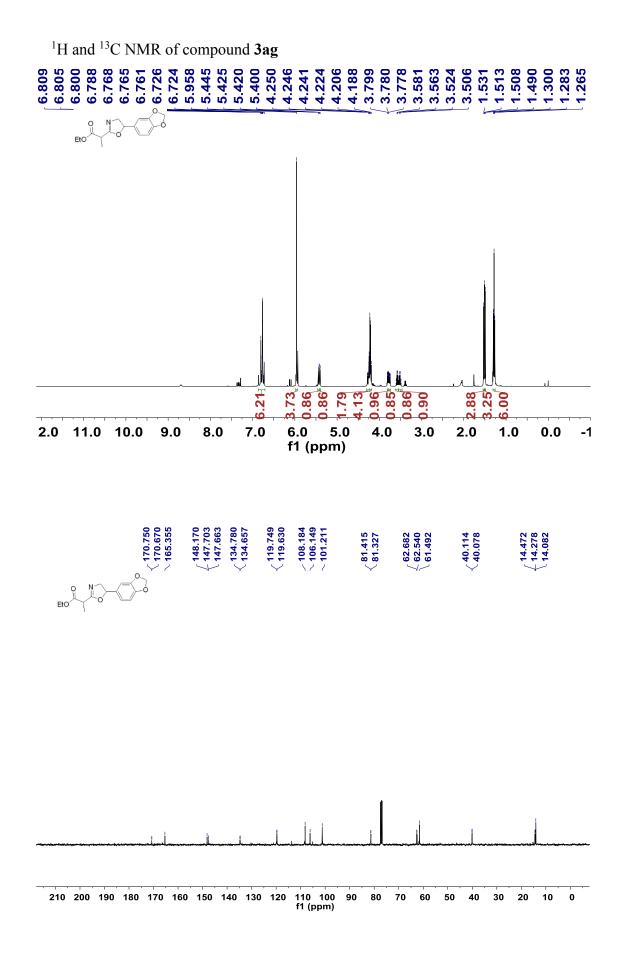


¹H and ¹³C NMR of compound **3ae**



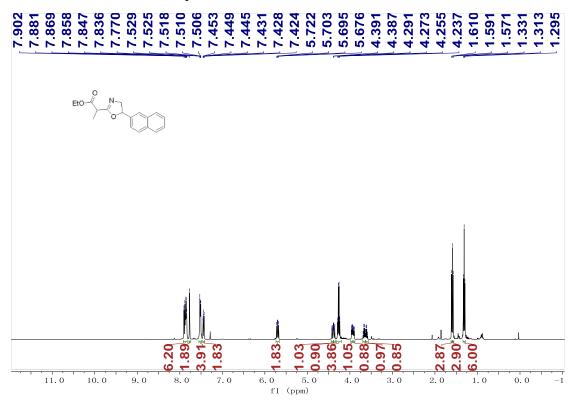


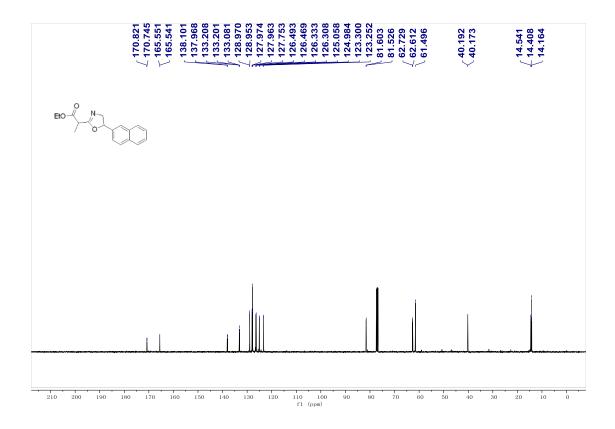
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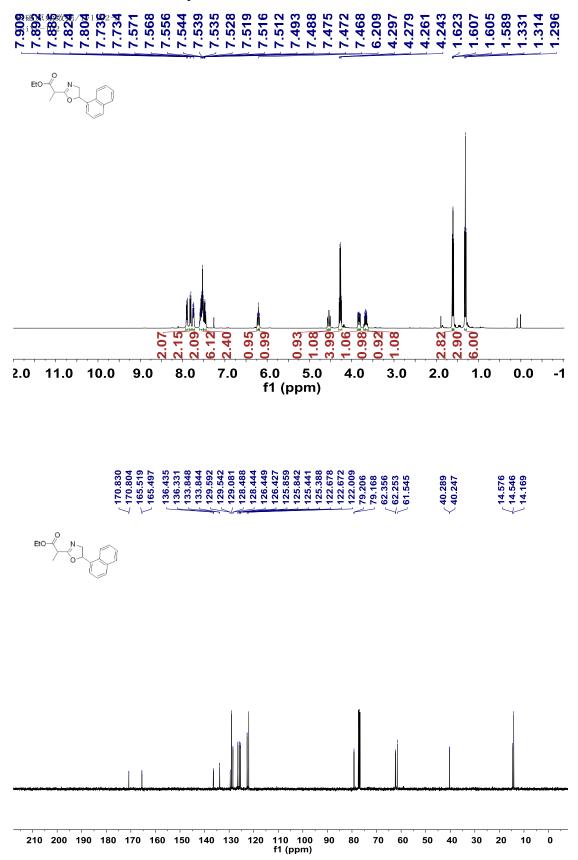
S8

 $^1\mathrm{H}$ and $^{13}\mathrm{C}$ NMR of compound $\mathbf{3ah}$

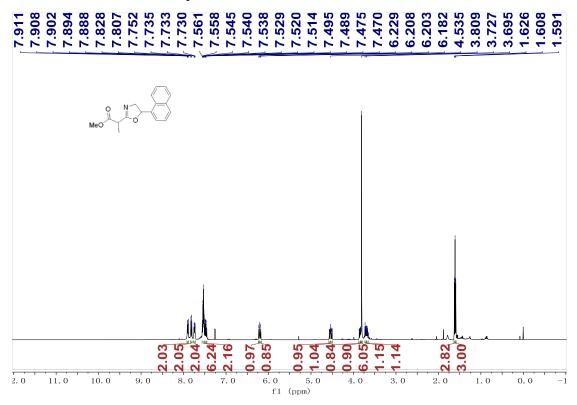


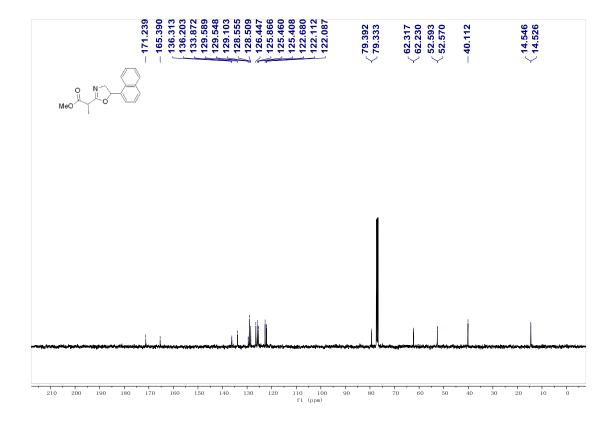


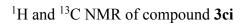
¹H and ¹³C NMR of compound **3ai**

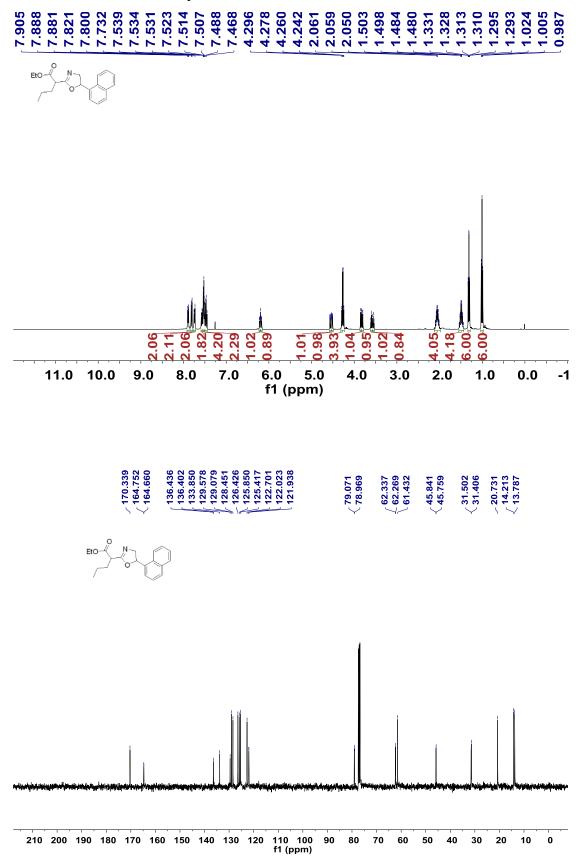


¹H and ¹³C NMR of compound **3bi**



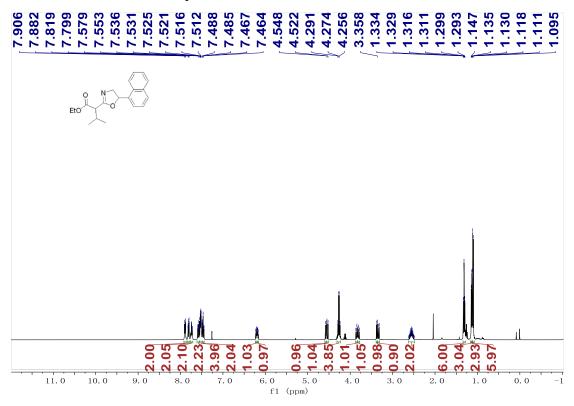


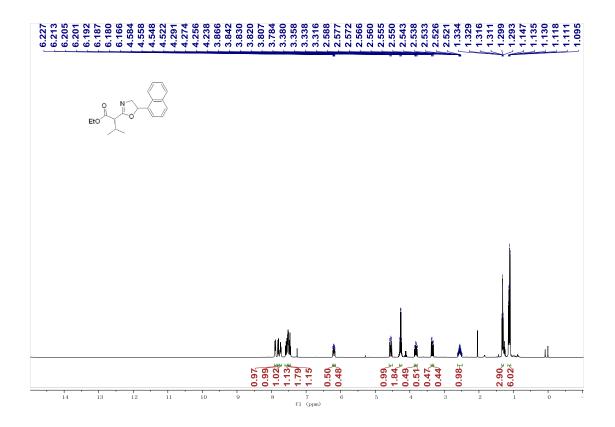




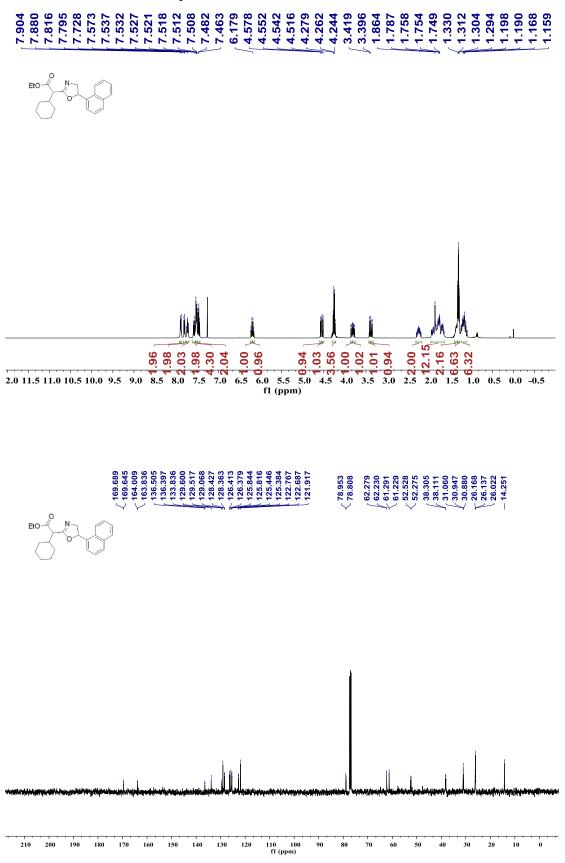
S12

¹H and ¹³C NMR of compound **3di**

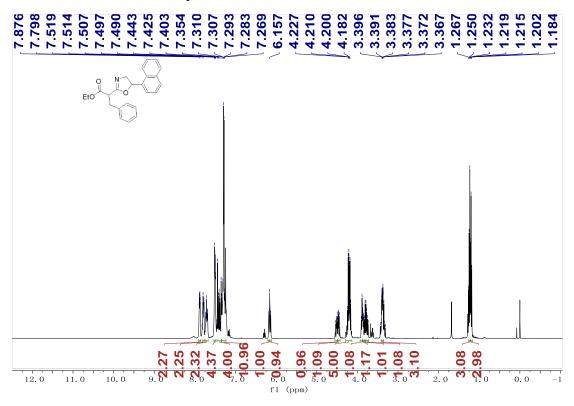


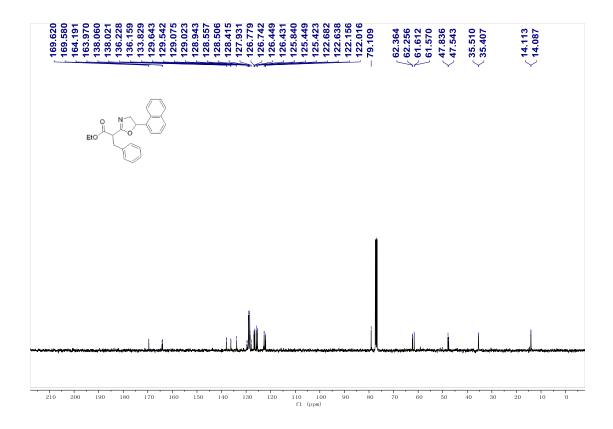


¹H and ¹³C NMR of compound **3ei**

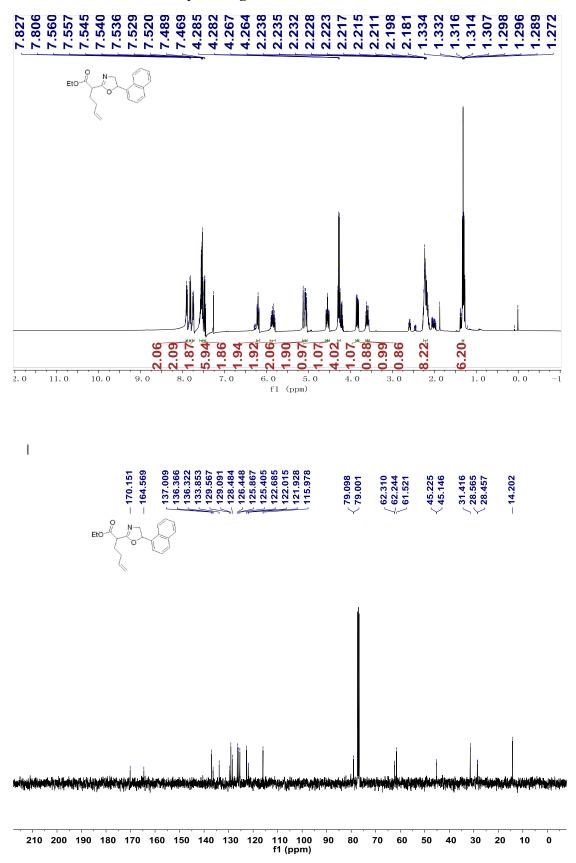


 $^1\mathrm{H}$ and $^{13}\mathrm{C}$ NMR of compound $\mathbf{3fi}$

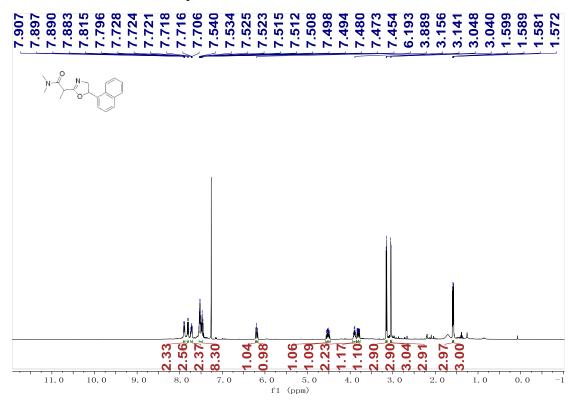


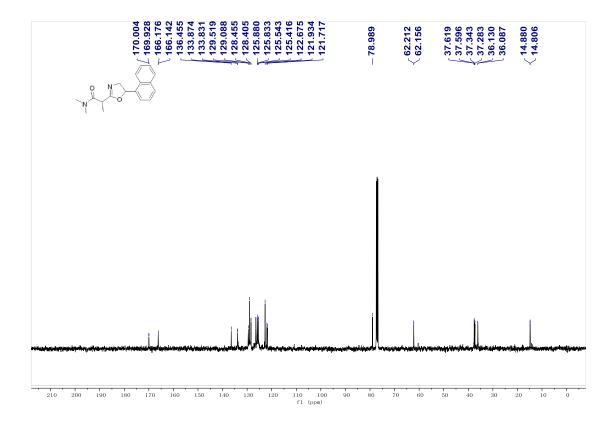


¹H and ¹³C NMR of compound **3gi**



¹H and ¹³C NMR of compound **3hi**





¹H, ³¹P, and ¹³C NMR of compound **3ii**

