Supplementary Information

Figure 1. $^1$H NMR (500 MHz, CDCl$_3$) spectra of compound 2.

Figure 2. $^{13}$C NMR (500 MHz, CDCl$_3$) spectra of compound 2.
Figure 3. $^1$H-$^1$H COSY (400 MHz, CDCl$_3$) spectra of compound 2.

Figure 4. HMBC (400 MHz, CDCl$_3$) spectra of compound 2.
Figure 5. HSQC (400 MHz, CDCl₃) spectra of compound 2.

Figure 6. NOESY (400 MHz, CDCl₃) spectra of compound 2.
Figure 7. HRESIMS spectra of Compound 2.

Figure 8. $^1$H NMR (500 MHz, CDCl$_3$) spectra of compound 3.
Figure 9. $^{13}$C NMR (500 MHz, CDCl$_3$) spectra of compound 3.

Figure 10. HRESIMS spectra of Compound 3.
**Figure 11.** $^1$H NMR (500 MHz, CDCl$_3$) spectra of compound 4.

**Figure 12.** $^{13}$C NMR (500 MHz, CDCl$_3$) spectra of compound 4.
**Figure 13.** HRESIMS spectra of Compound 4.

![HRESIMS spectra of Compound 4](image)

**Figure 14.** $^1$H NMR (500 MHz, CDCl$_3$) spectra of compound 5.

![$^1$H NMR spectra of compound 5](image)
Figure 15. $^{13}$C NMR (500 MHz, CDCl$_3$) spectra of compound 5.

Figure 16. HRESIMS spectra of Compound 5.
Figure 17. $^1$H NMR (500 MHz, CDCl$_3$) spectra of compound 6.

Figure 18. $^{13}$C NMR (500 MHz, CDCl$_3$) spectra of compound 6.
Figure 19. HRESIMS spectra of Compound 6.