

Supplementary Information

Synthesis of New 3-(2-Chloroquinolin-3-yl)-5-Phenylisoxazole Derivatives via Click-Chemistry Approach

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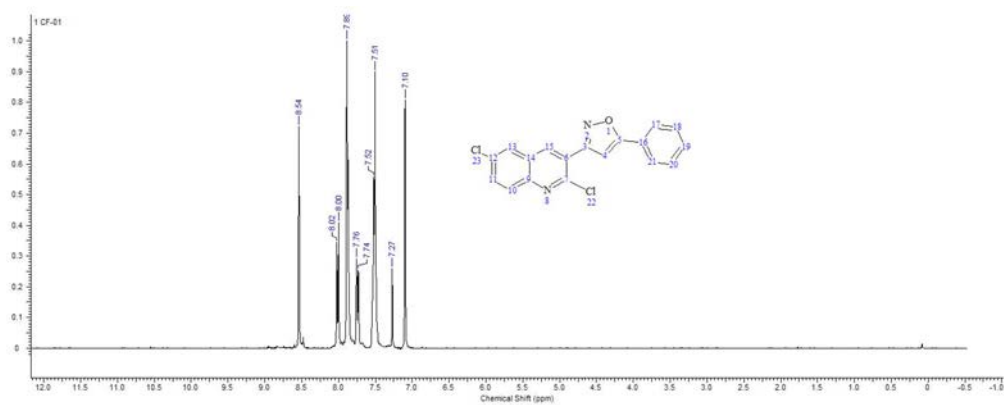


Figure S1. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(2,6-dichloroquinolin-3-yl)-5-phenylisoxazole (3a).

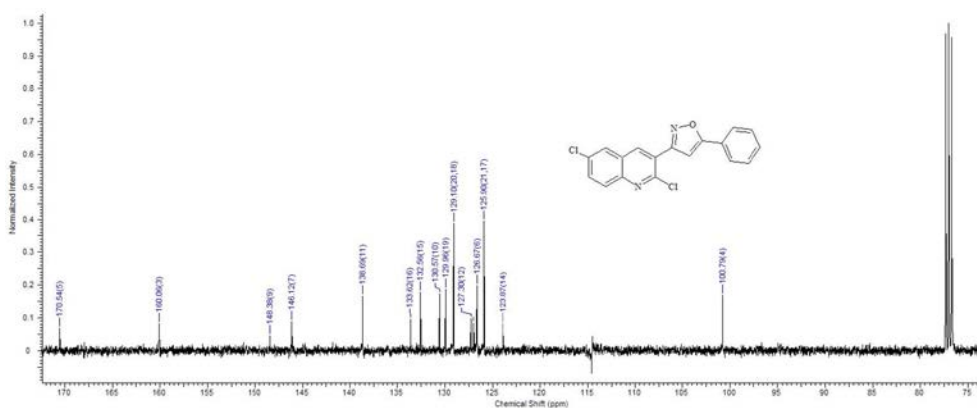


Figure S2. ¹³C NMR spectrum (100 MHz, CDCl₃) of 3-(2,6-dichloroquinolin-3-yl)-5-phenylisoxazole (3a).

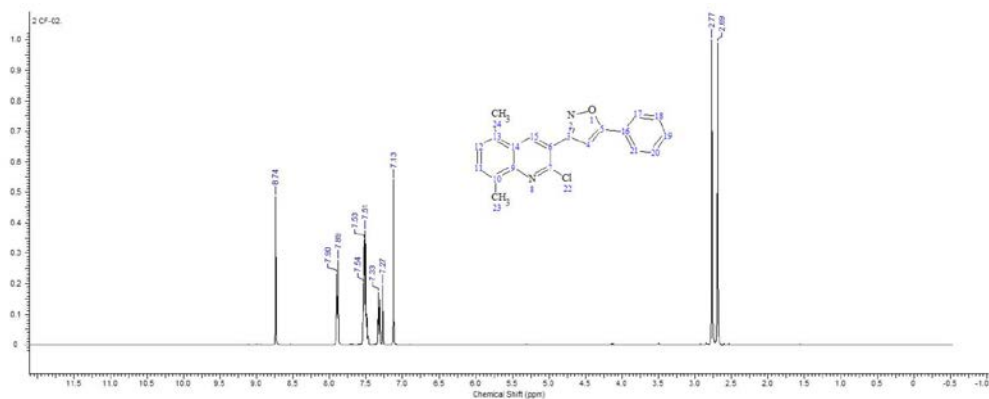


Figure S3. ^1H NMR spectrum (400 MHz, CDCl_3) of 3-(2-chloro-5,8-dimethylquinolin-3-yl)-5-phenylisoxazole (**3b**).

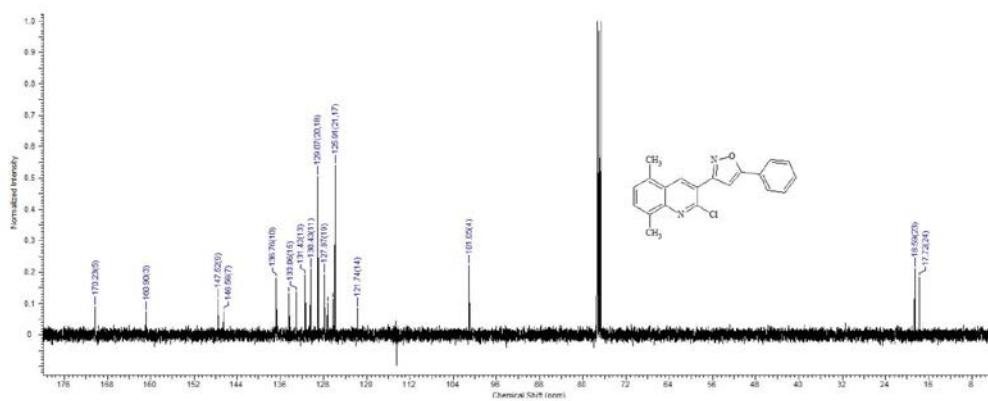


Figure S4. ^{13}C NMR spectrum (100 MHz, CDCl_3) of 3-(2-chloro-5,8-dimethylquinolin-3-yl)-5-phenylisoxazole (**3b**).

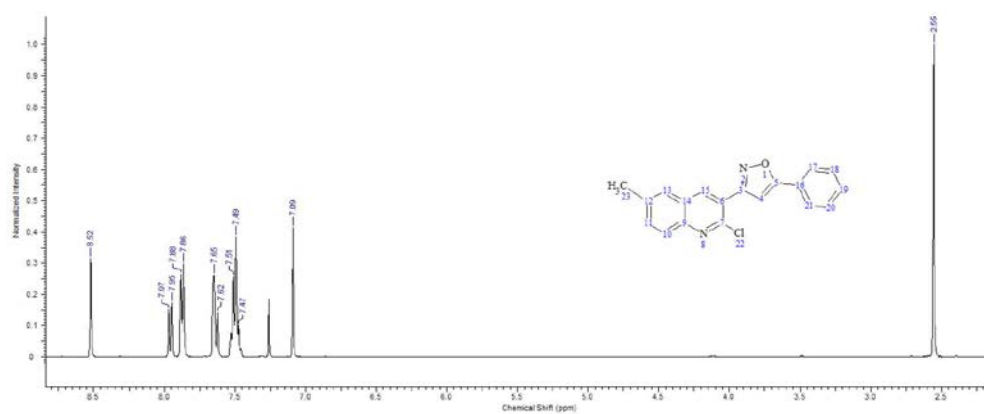


Figure S5. ^1H NMR spectrum (400 MHz, CDCl_3) of 3-(2-chloro-6-methylquinolin-3-yl)-5-phenylisoxazole (**3c**).

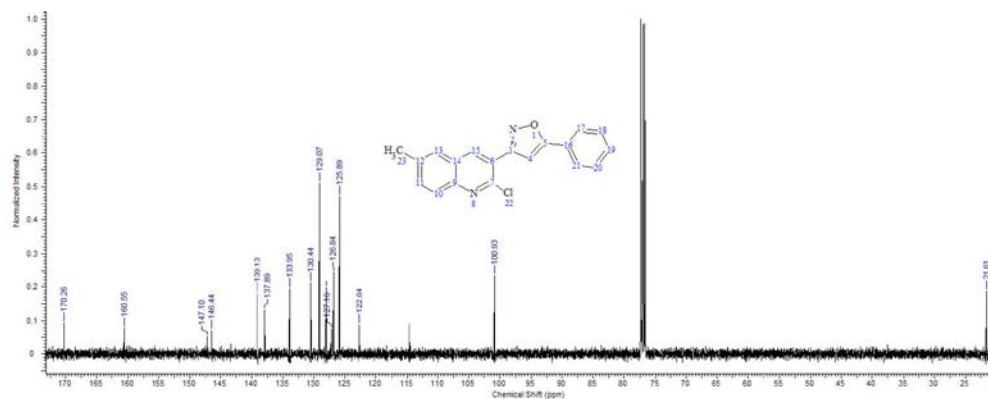


Figure S6. ^{13}C NMR spectrum (100 MHz, CDCl_3) of 3-(2-chloro-6-methylquinolin-3-yl)-5-phenylisoxazole (**3c**).

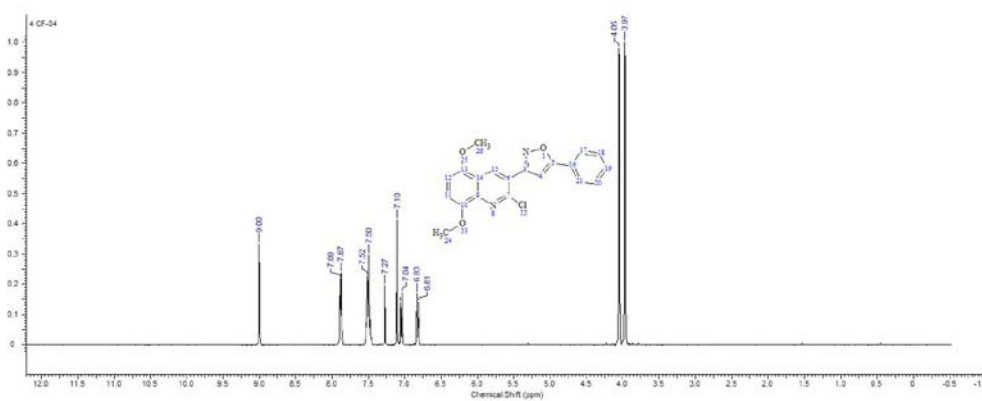


Figure S7. ^1H NMR spectrum (400 MHz, CDCl_3) of 3-(2-chloro-5,8-dimethoxyquinolin-3-yl)-5-phenylisoxazole (**3d**).

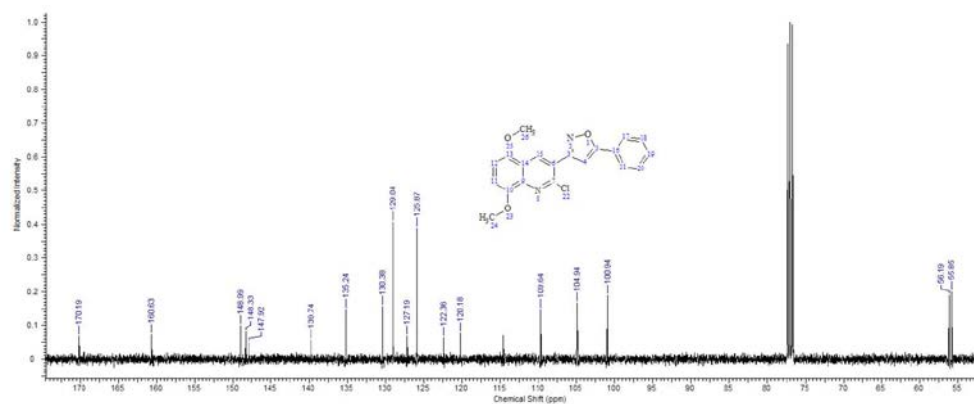


Figure S8. ^{13}C NMR spectrum (100 MHz, CDCl_3) of 3-(2-chloro-5,8-dimethoxyquinolin-3-yl)-5-phenylisoxazole (**3d**).

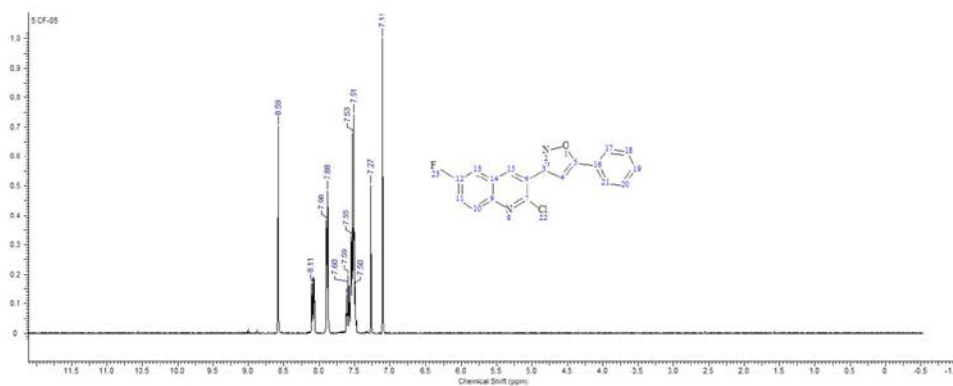


Figure S9. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(2-chloro-6-fluoroquinolin-3-yl)-5-phenylisoxazole (3e).

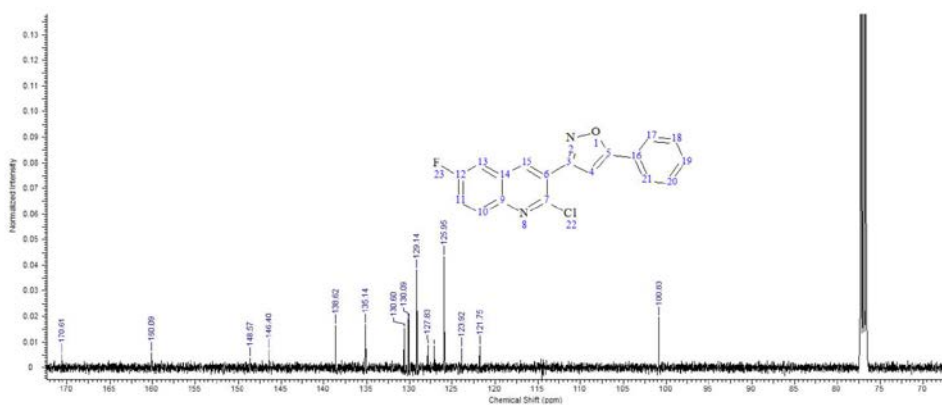


Figure S10. ¹³C NMR spectrum (100 MHz, CDCl₃) of 3-(2-chloro-6-fluoroquinolin-3-yl)-5-phenylisoxazole (3e).

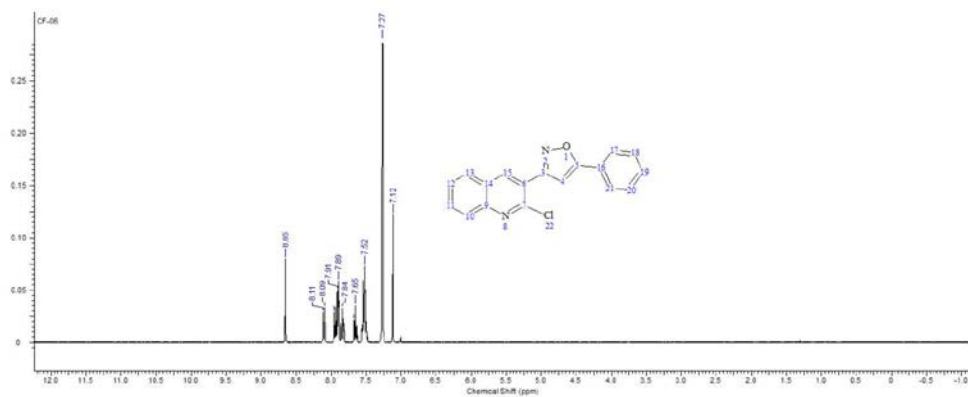


Figure S11. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(2-chloroquinolin-3-yl)-5-phenylisoxazole (3f).

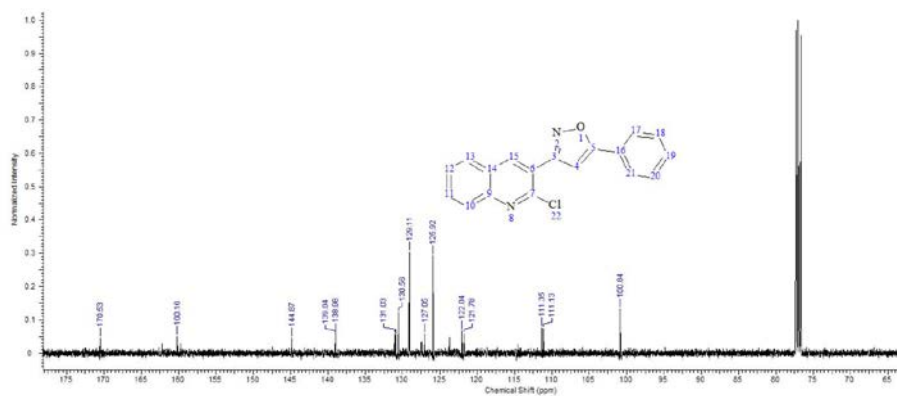


Figure S12. ¹³C NMR spectrum (100 MHz, CDCl₃) of 3-(2-chloroquinolin-3-yl)-5-phenyloxazole (**3f**).

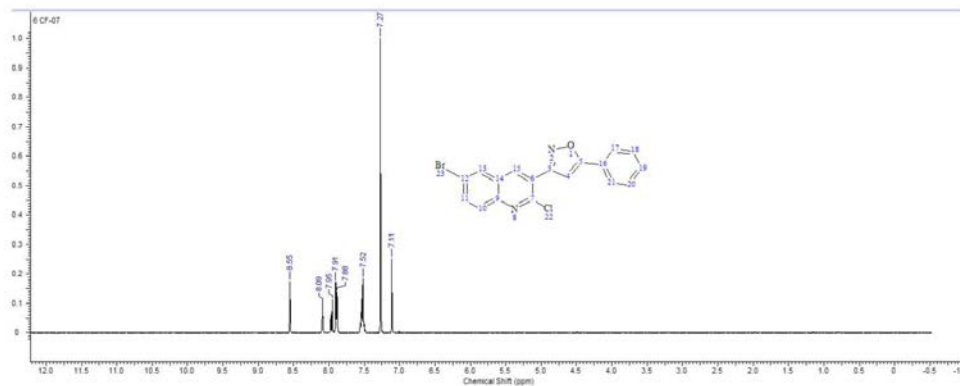


Figure S13. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(6-bromo-2-chloroquinolin-3-yl)-5-phenyloxazole (**3g**).

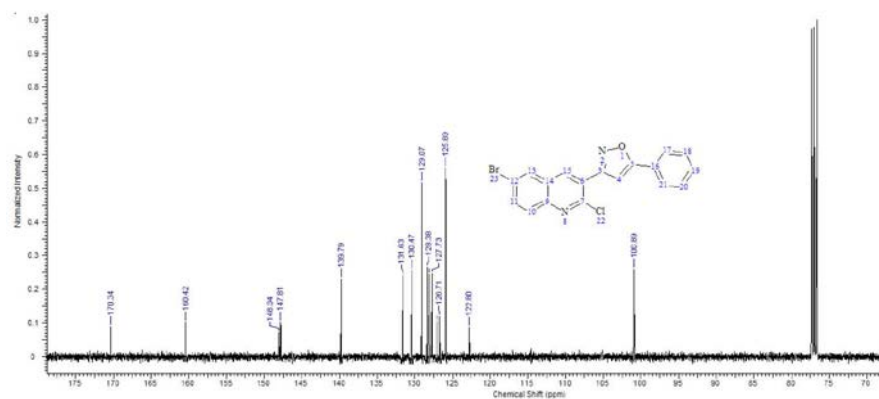


Figure S14. ¹³C NMR spectrum (100 MHz, CDCl₃) of 3-(6-bromo-2-chloroquinolin-3-yl)-5-phenyloxazole (**3g**).

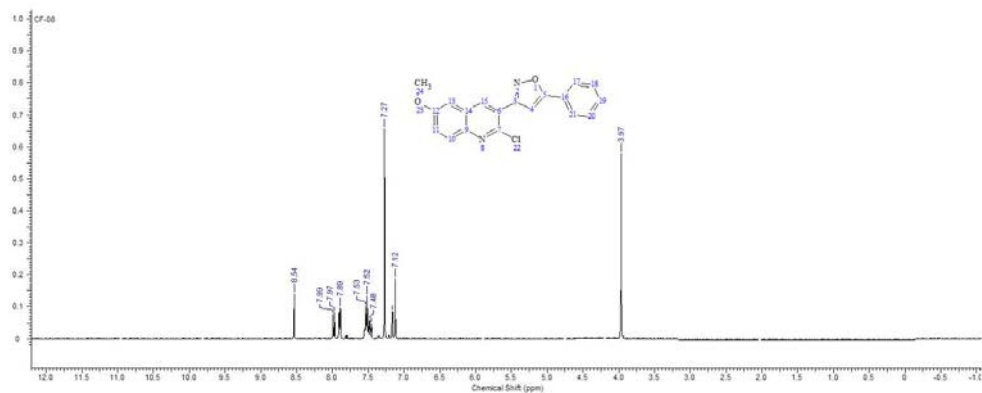


Figure S15. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(2-chloro-6-methoxyquinolin-3-yl)-5-phenylisoxazole (3h).

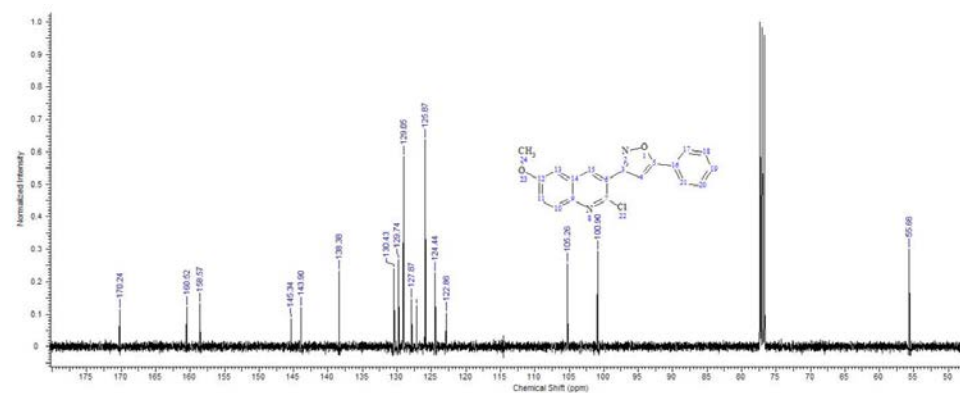


Figure S16. ¹³C NMR spectrum (100 MHz, CDCl₃) of 3-(2-chloro-6-methoxyquinolin-3-yl)-5-phenylisoxazole (3h).

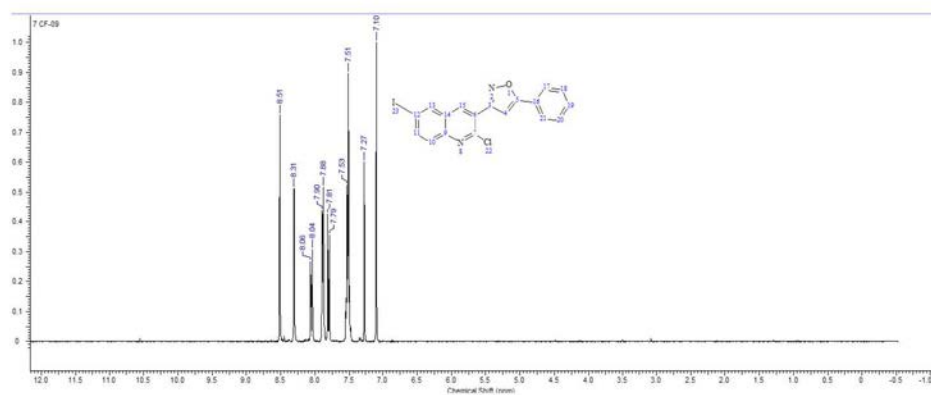


Figure S17. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(2-chloro-6-iodoquinolin-3-yl)-5-phenylisoxazole (3i).

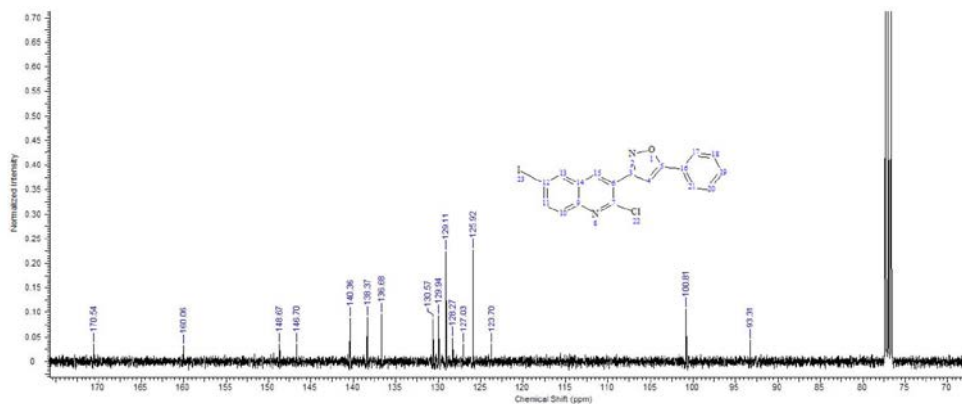


Figure S18. ¹³C NMR spectrum (100 MHz, CDCl₃) of (2-chloro-6-iodoquinolin-3-yl)-5-phenylisoxazole (**3i**).

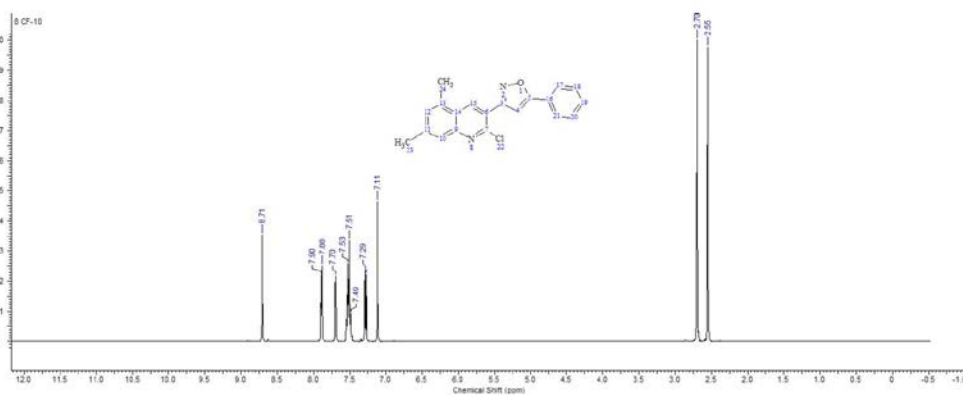


Figure S19. ¹H NMR spectrum (400 MHz, CDCl₃) of 3-(2-chloro-5,7-dimethylquinolin-3-yl)-5-phenylisoxazole (**3j**).

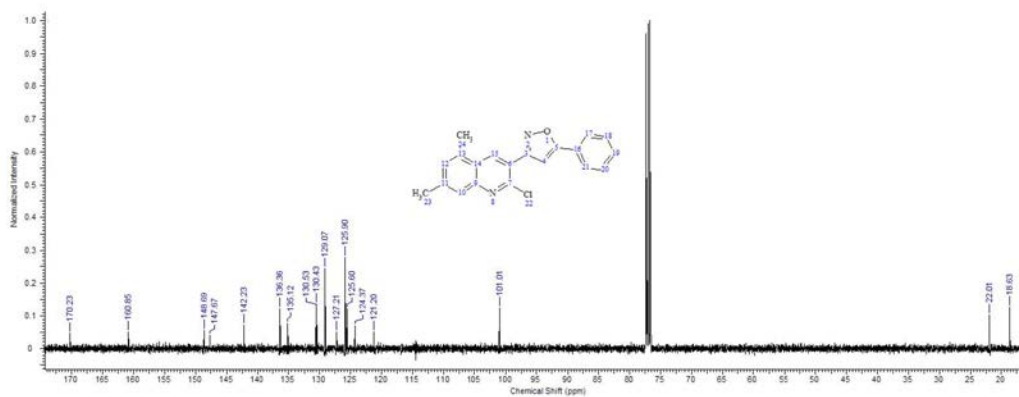


Figure S20. ¹³C NMR spectrum (100 MHz, CDCl₃) of 3-(2-chloro-5,7-dimethylquinolin-3-yl)-5-phenylisoxazole (**3j**).