Electronic Supplementary Material (ESI) for MedChemComm.



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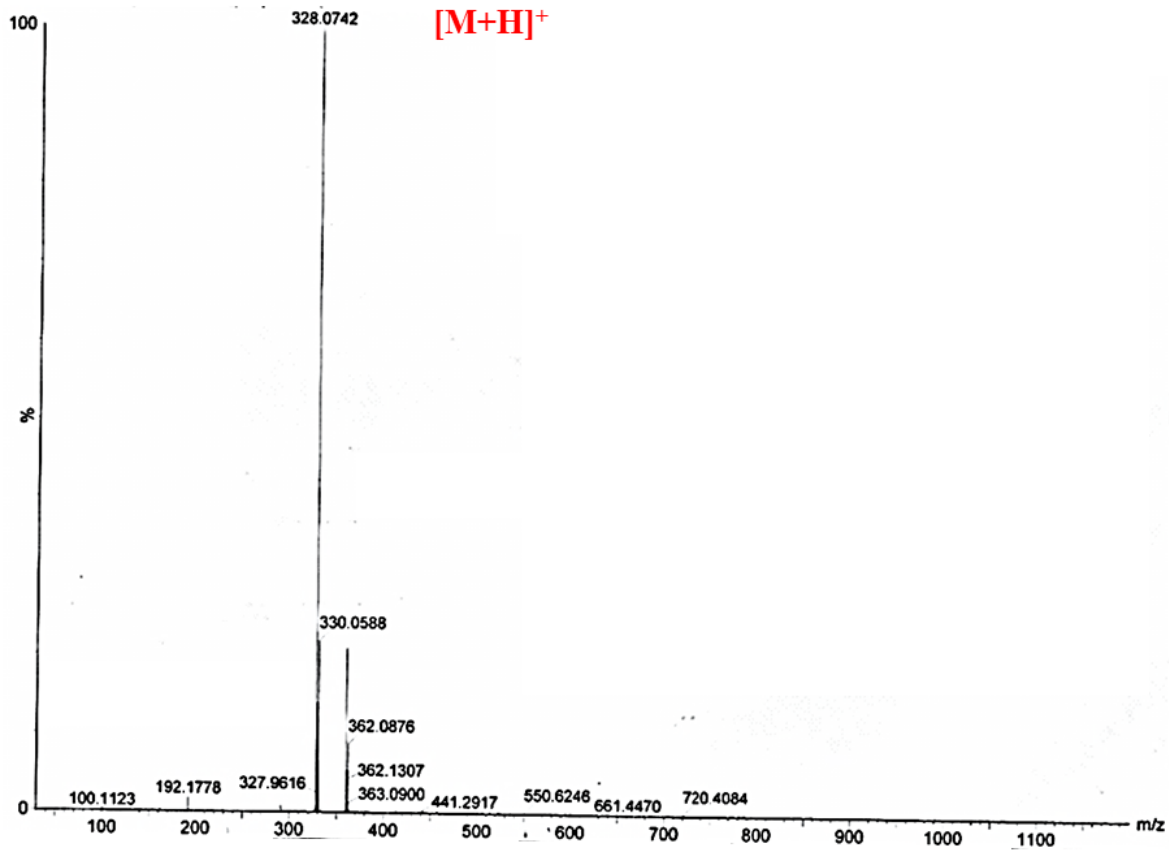


**Figure S1.** Mass spectrum of compound **3** (4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzaldehyde) in MeOH showing prominent parent ion peak at 328.0742 (m/z) which corresponds to $[M+H]^+$.

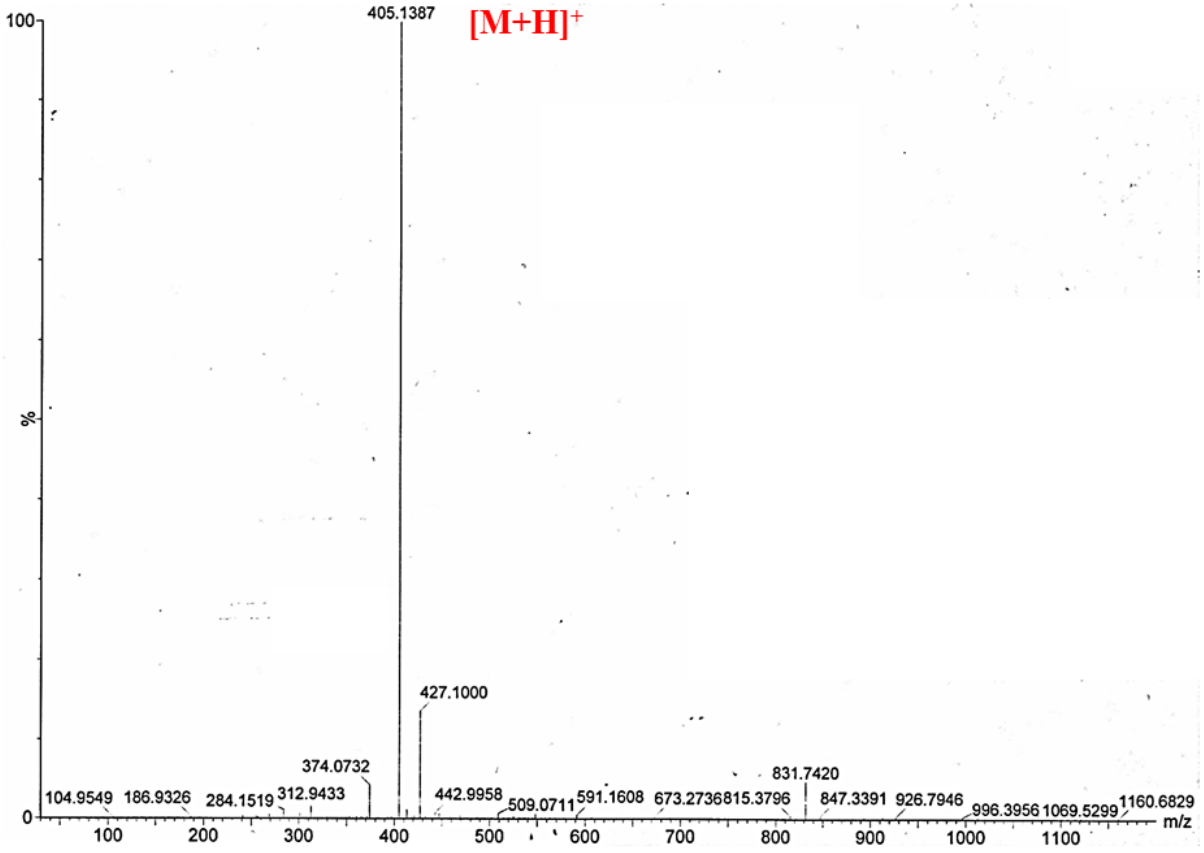


**Figure S2.** Mass spectrum of compound **5a** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)aniline) in MeOH showing prominent parent ion peak at 405.1387 (m/z) which corresponds to $[M+H]^+$.

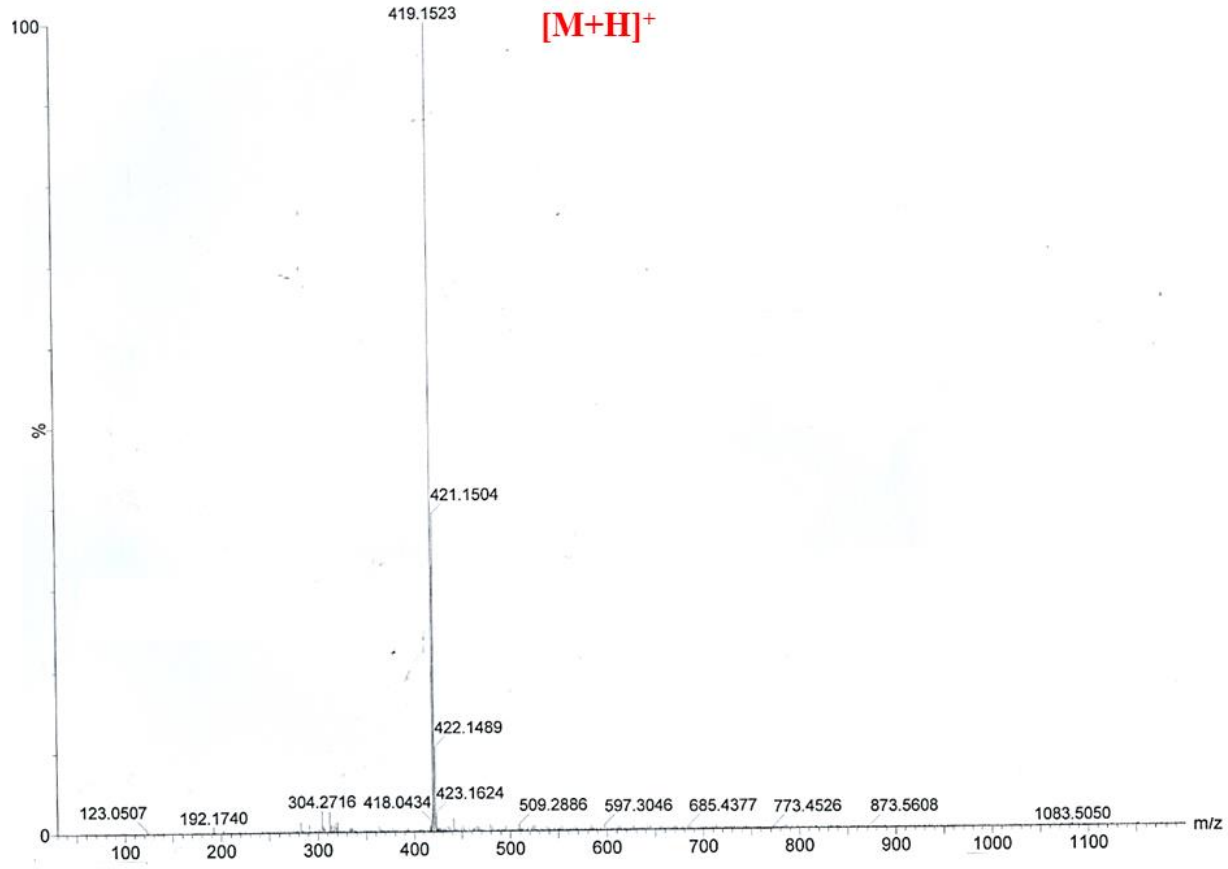


**Figure S3.** Mass spectrum of compound **5b** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-4-methylaniline) in MeOH showing prominent parent ion peak at 419.1523 (m/z) which corresponds to $[M+H]^+$.

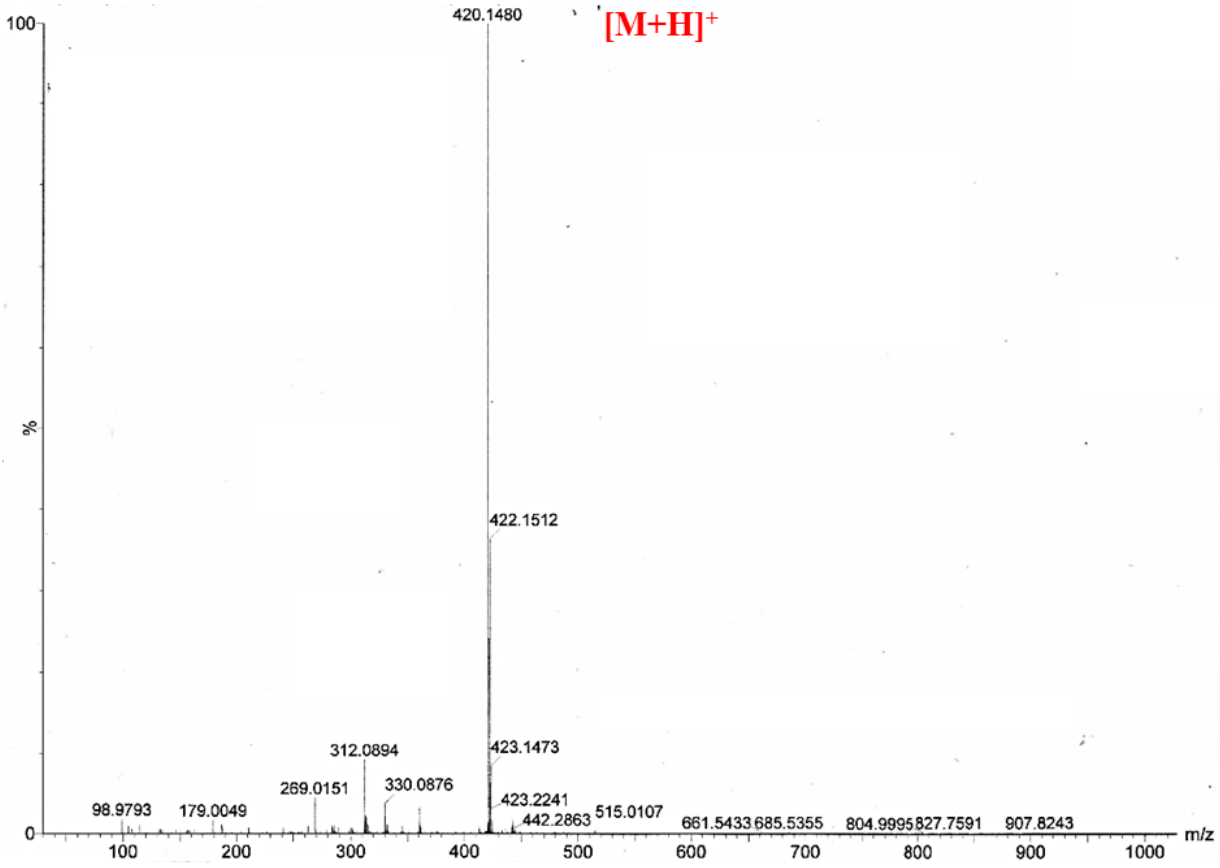


**Figure S4.** Mass spectrum of compound **5c** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-6-methylpyridin-2-amine) in MeOH showing prominent parent ion peak at 420.1480 (m/z) which corresponds to $[M+H]^+$.

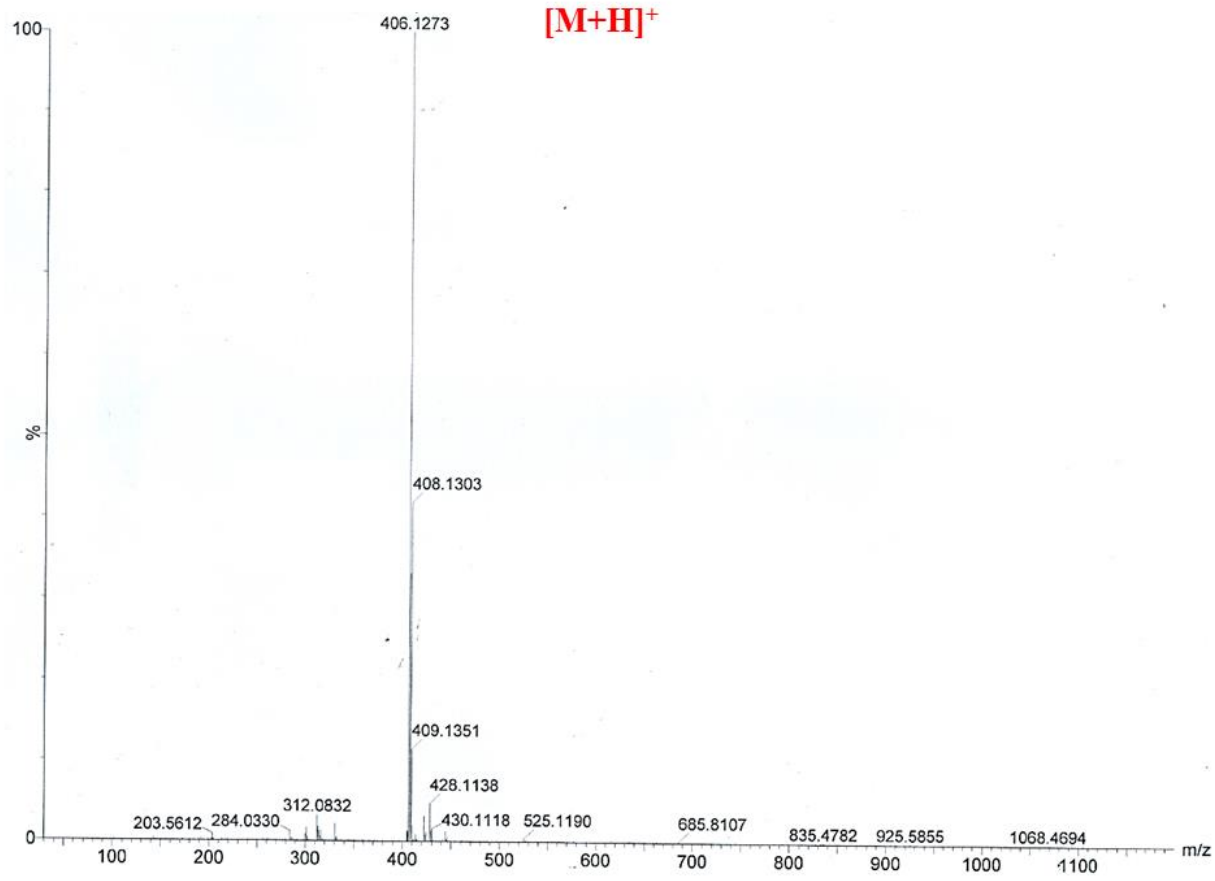


**Figure S5.** Mass spectrum of compound **5d** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-4-methylaniline) in MeOH showing prominent parent ion peak at 406.1273 (m/z) which corresponds to $[M+H]^+$.

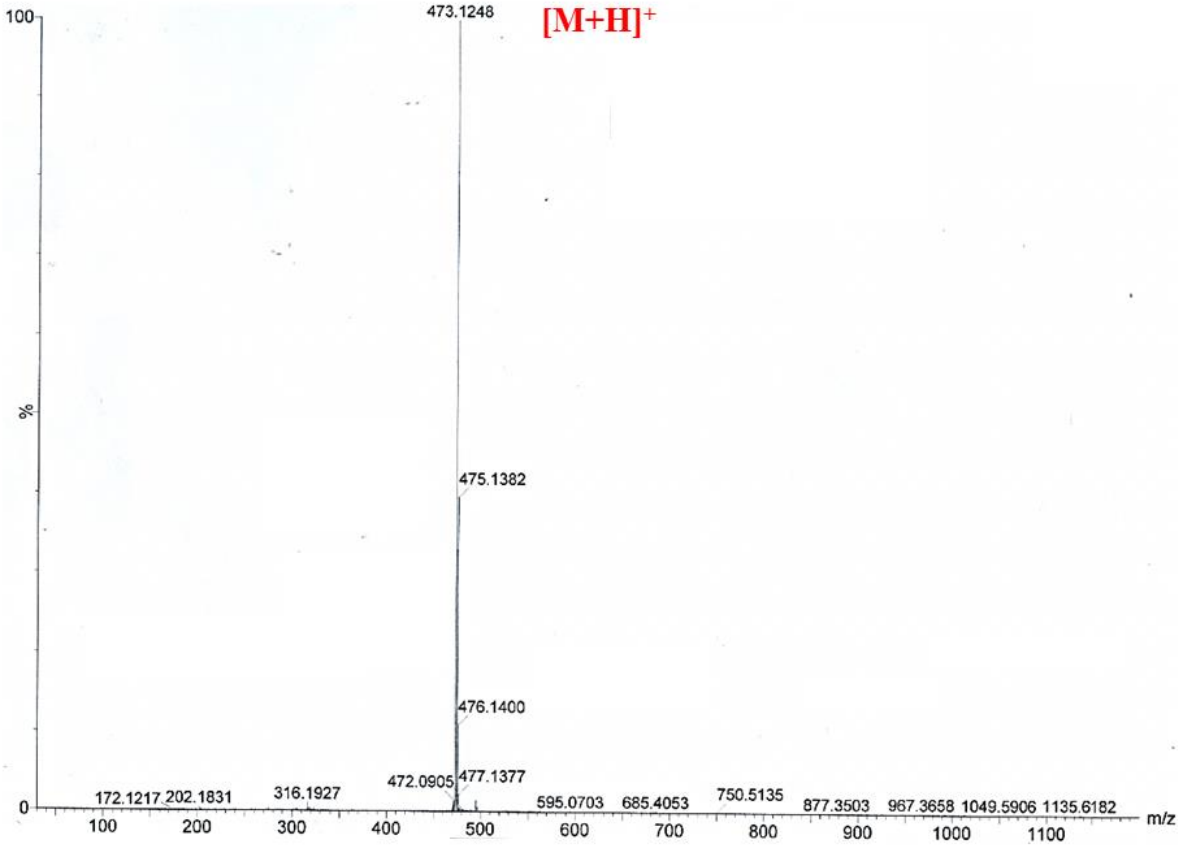


**Figure S6.** Mass spectrum of compound **5e** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-3-(trifluoromethyl)aniline) in MeOH showing prominent parent ion peak at 473.1248 (m/z) which corresponds to $[M+H]^+$.

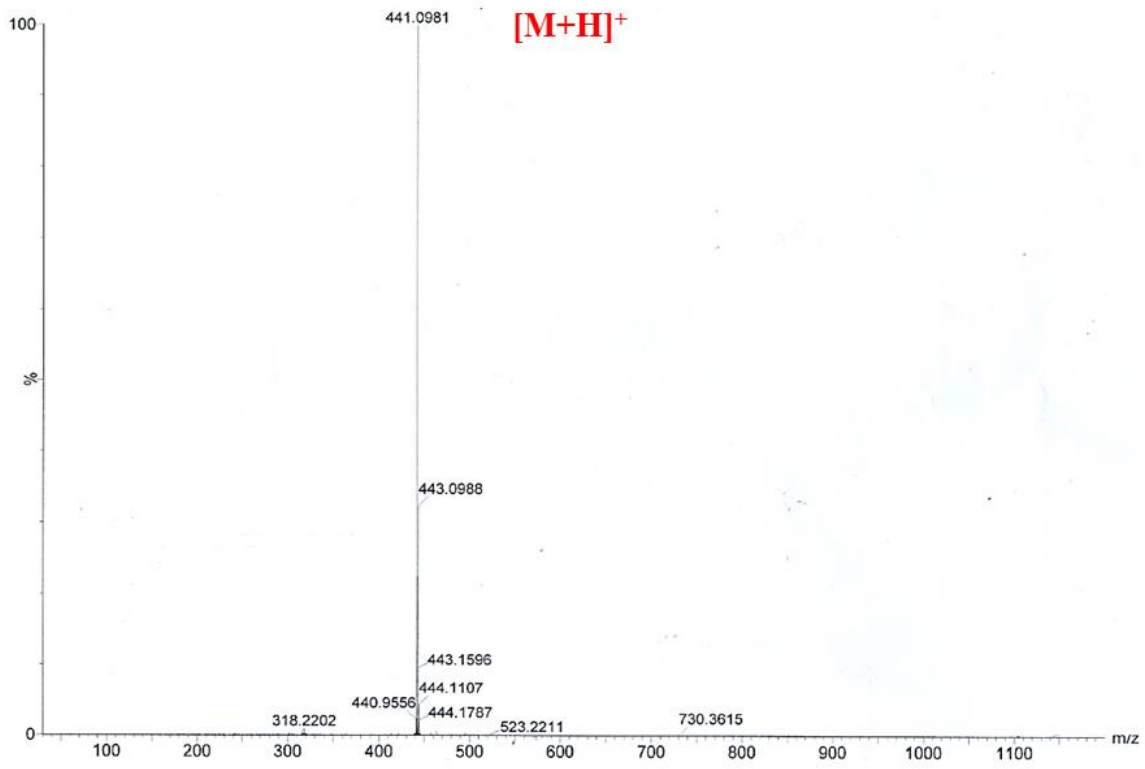


**Figure S7.** Mass spectrum of compound **5f** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-2,4-difluoroaniline) in MeOH showing prominent parent ion peak at 441.0981 (m/z) which corresponds to $[M+H]^+$.

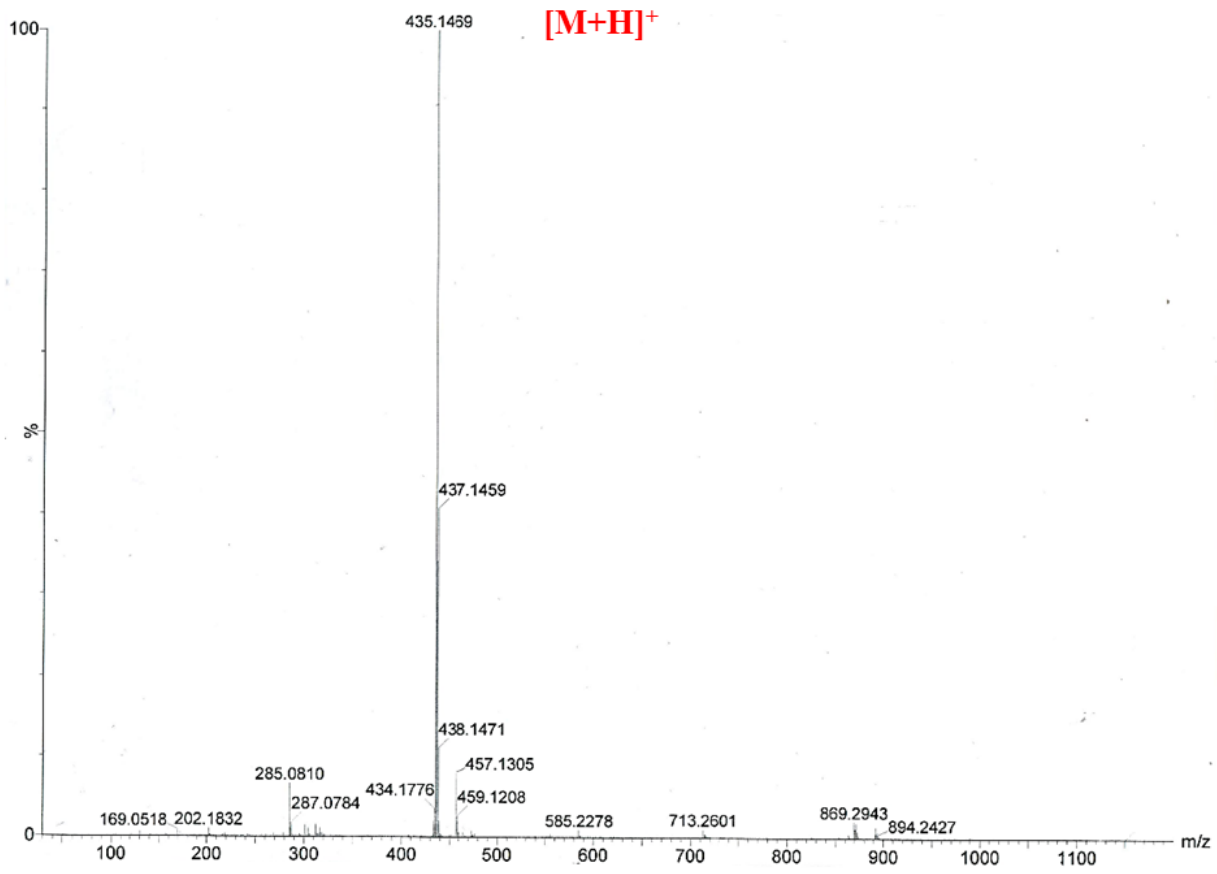


**Figure S8.** Mass spectrum of compound **5g** (N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-4-methoxyaniline) in MeOH showing prominent parent ion peak at 435.1469 (m/z) which corresponds to $[M+H]^+$.

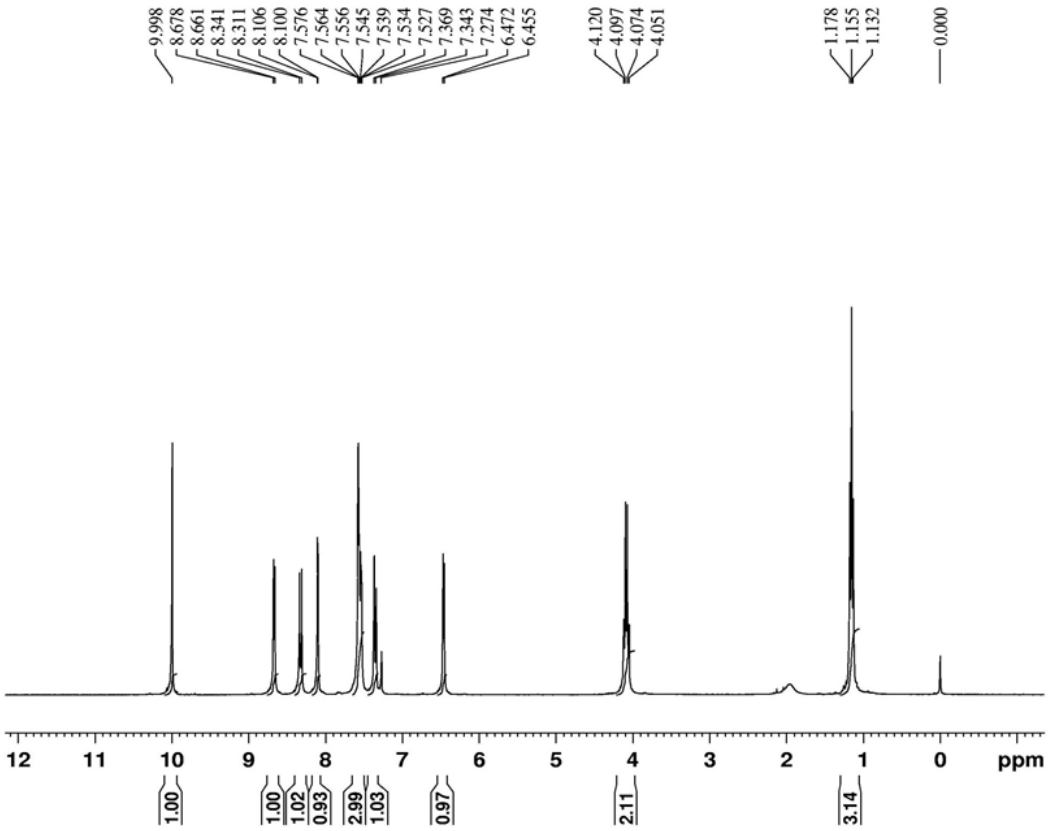


**Figure S9.** $^{1}$H NMR spectrum of compound **3** in $CDCl_3$.

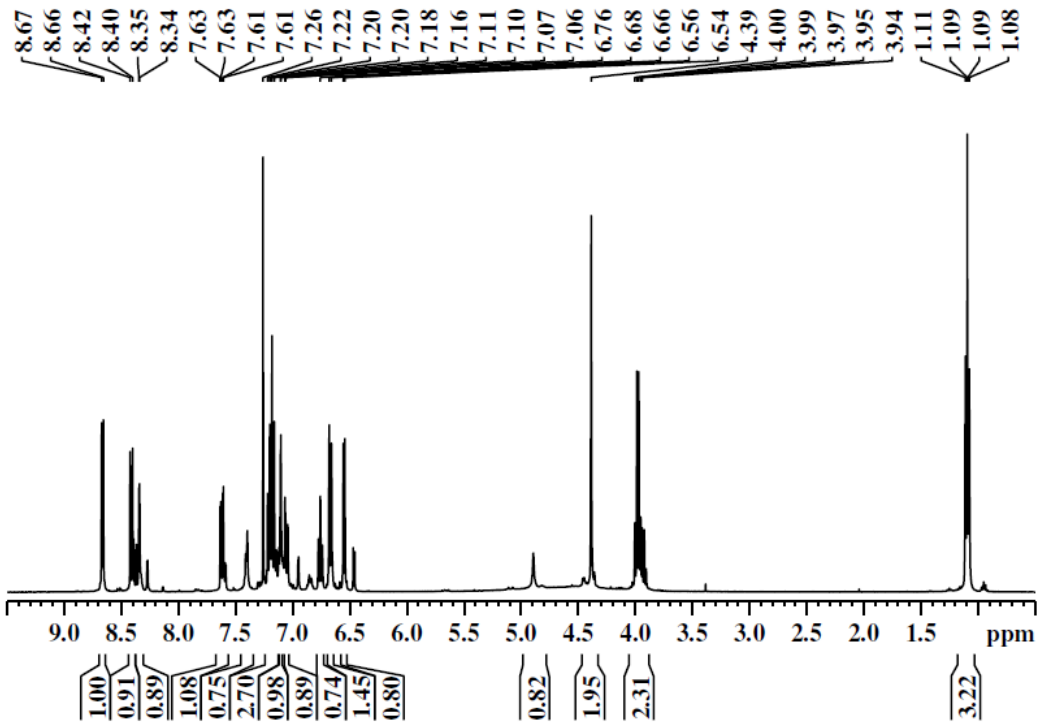


**Figure S10.** $^{1}$H NMR spectrum of compound **5a** in $CDCl_3$.

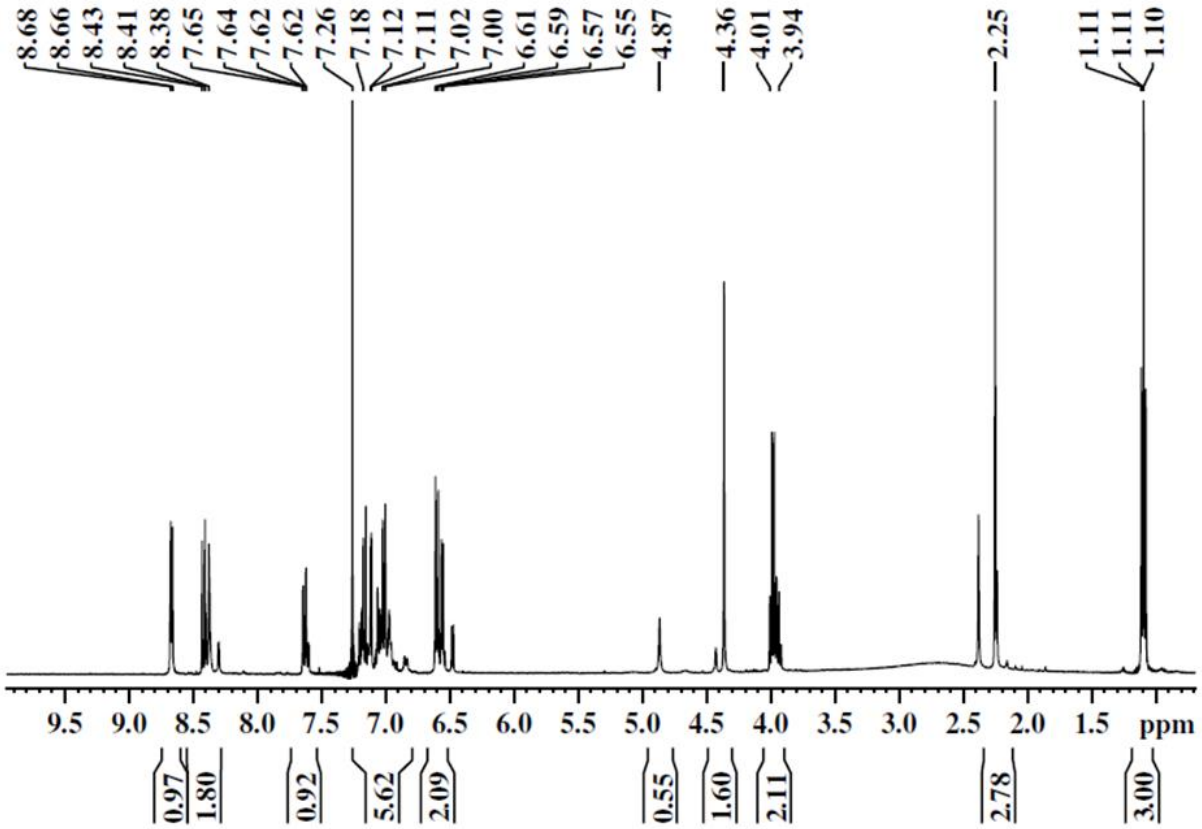


**Figure S11.** $^{1}$H NMR spectrum of compound **5b** in $CDCl_3$.

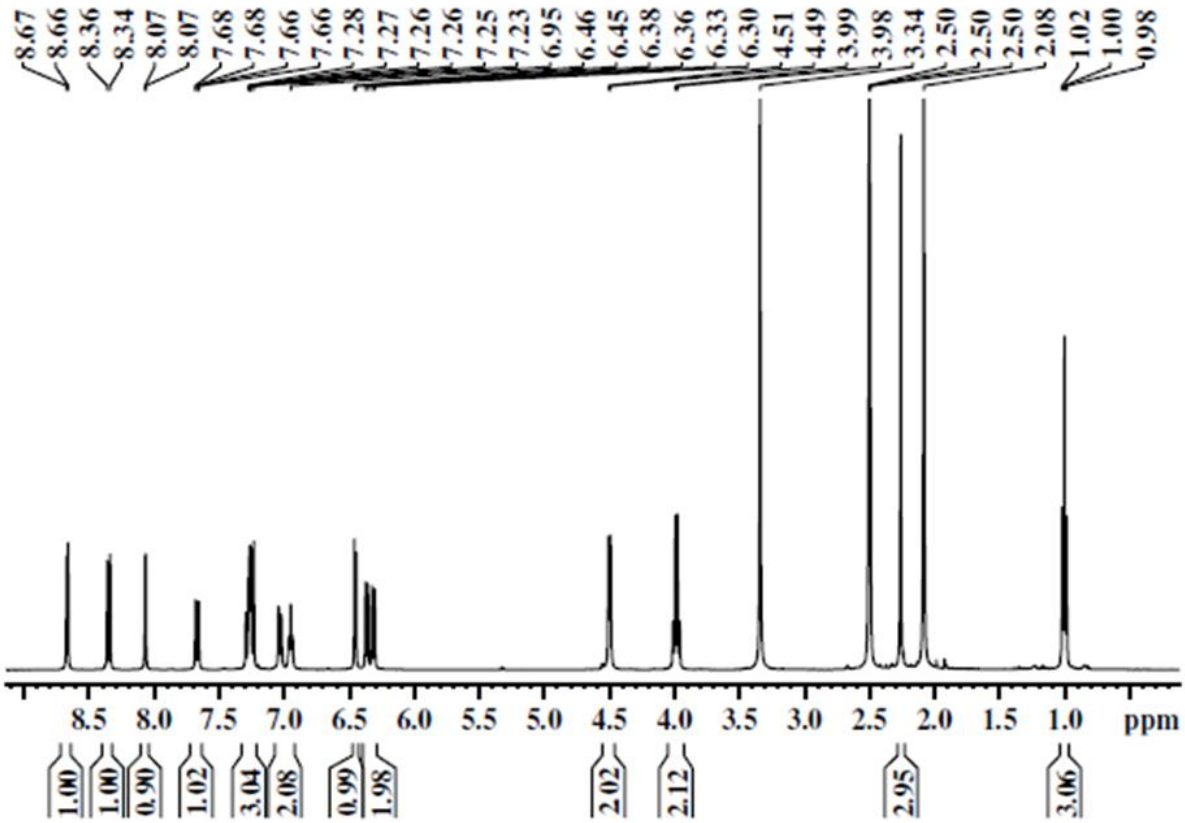


**Figure S12.** $^{1}$H NMR spectrum of compound **5c** in $CDCl_3$.

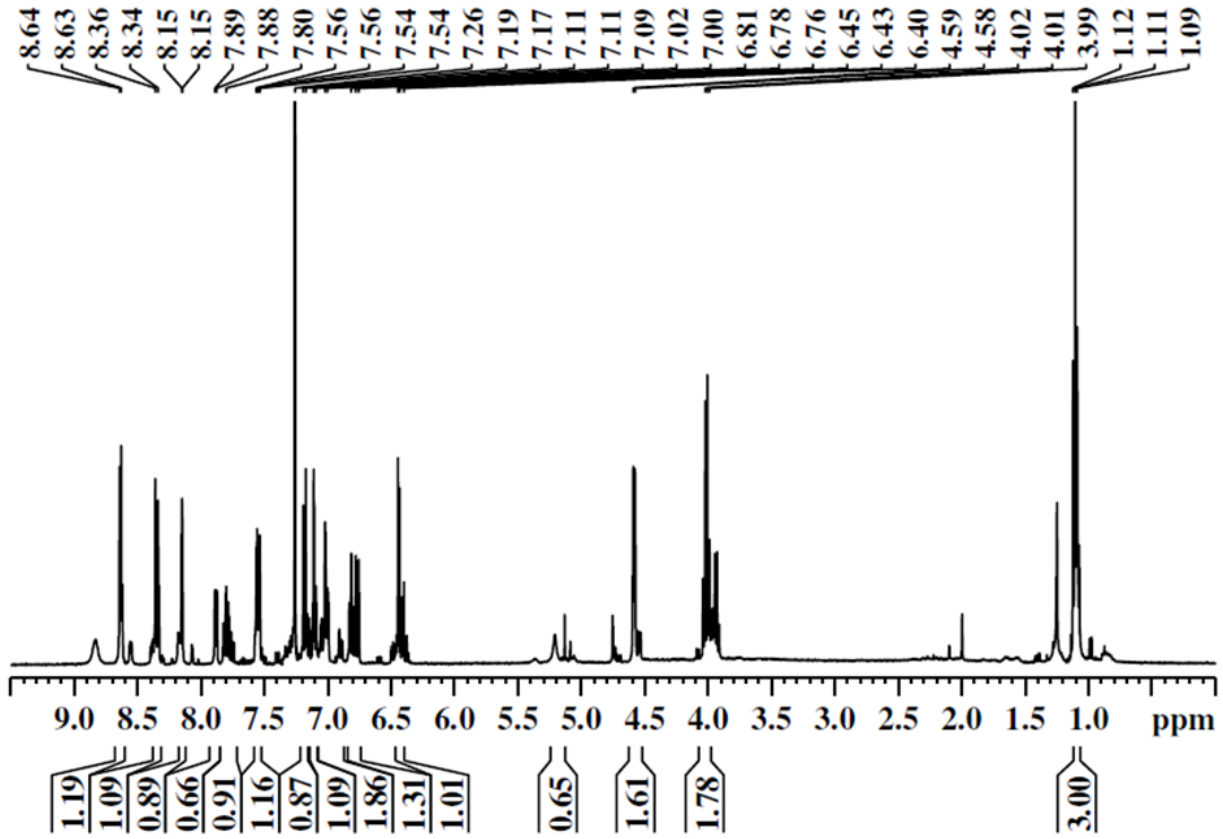


**Figure S13.** $^{1}$H NMR spectrum of compound **5d** in $CDCl_3$.

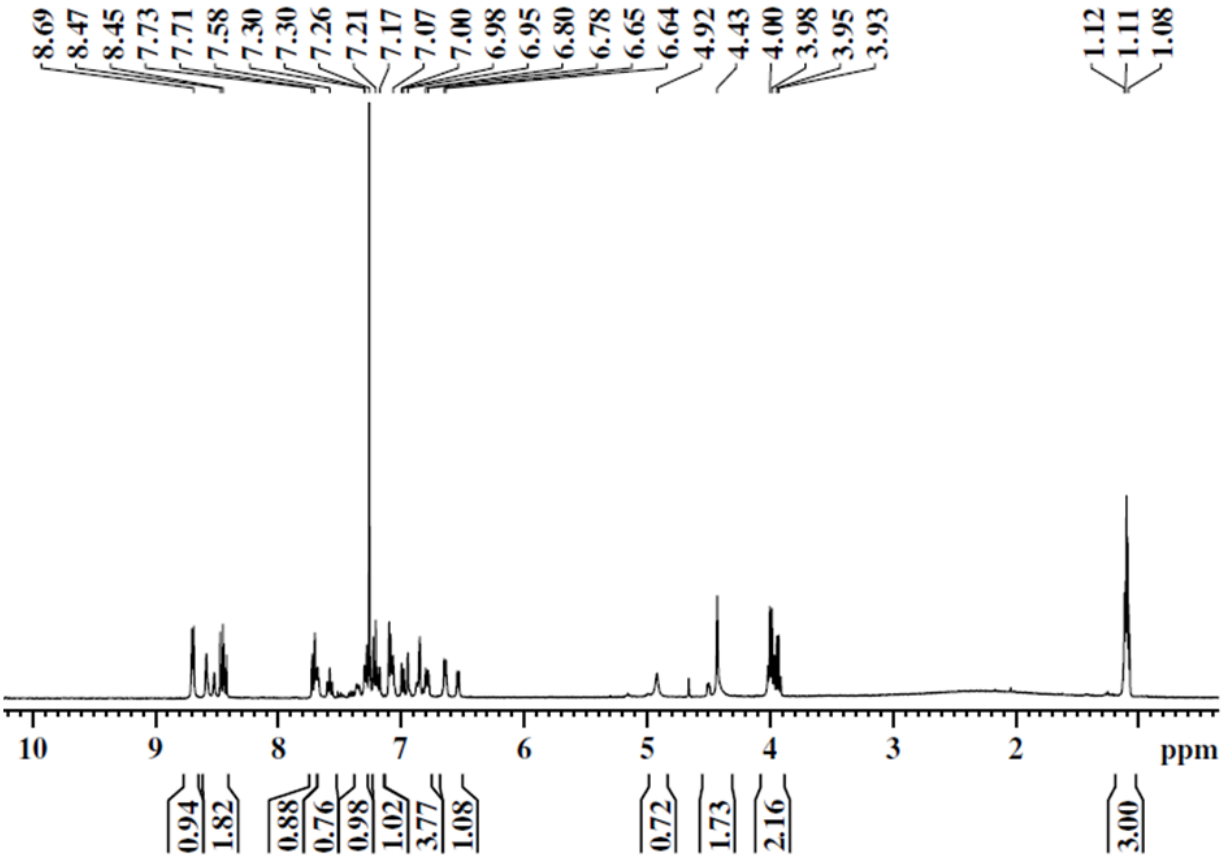


**Figure S14.** $^{1}$H NMR spectrum of compound **5e** in $CDCl_3$.

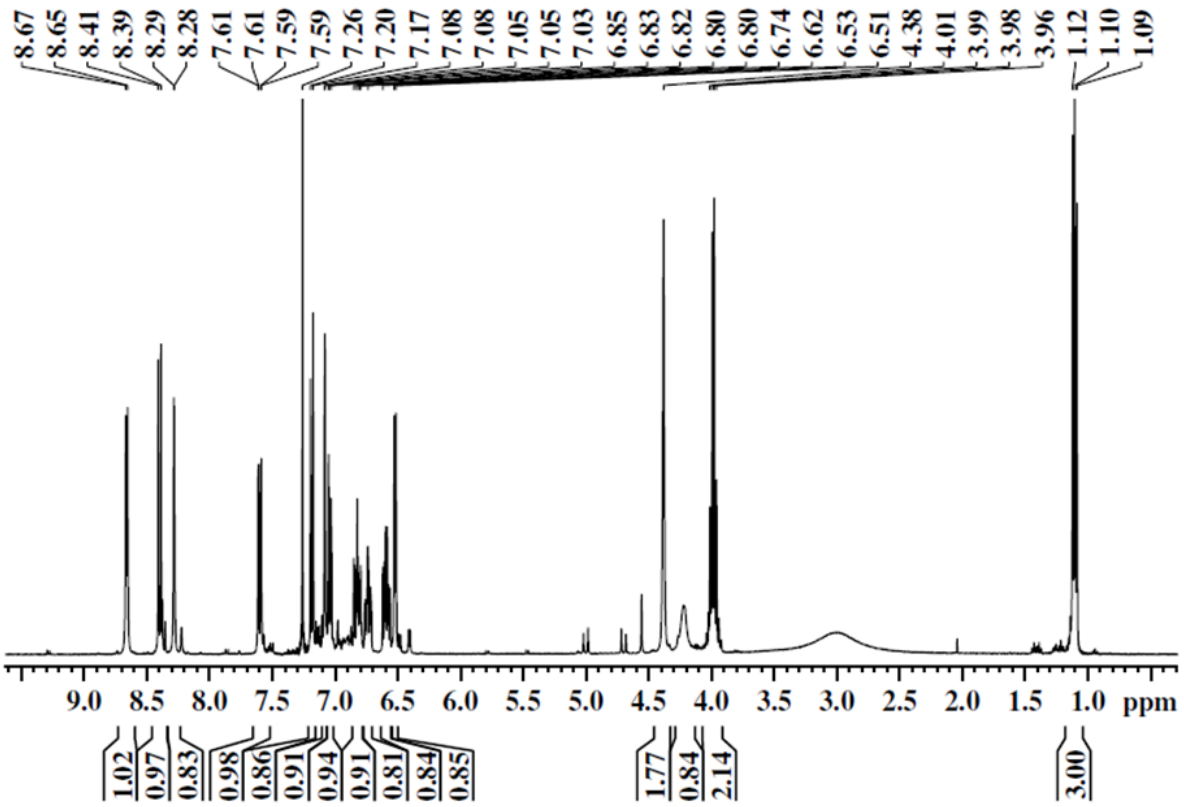


**Figure S15.** $^{1}$H NMR spectrum of compound **5f** in $CDCl_3$.

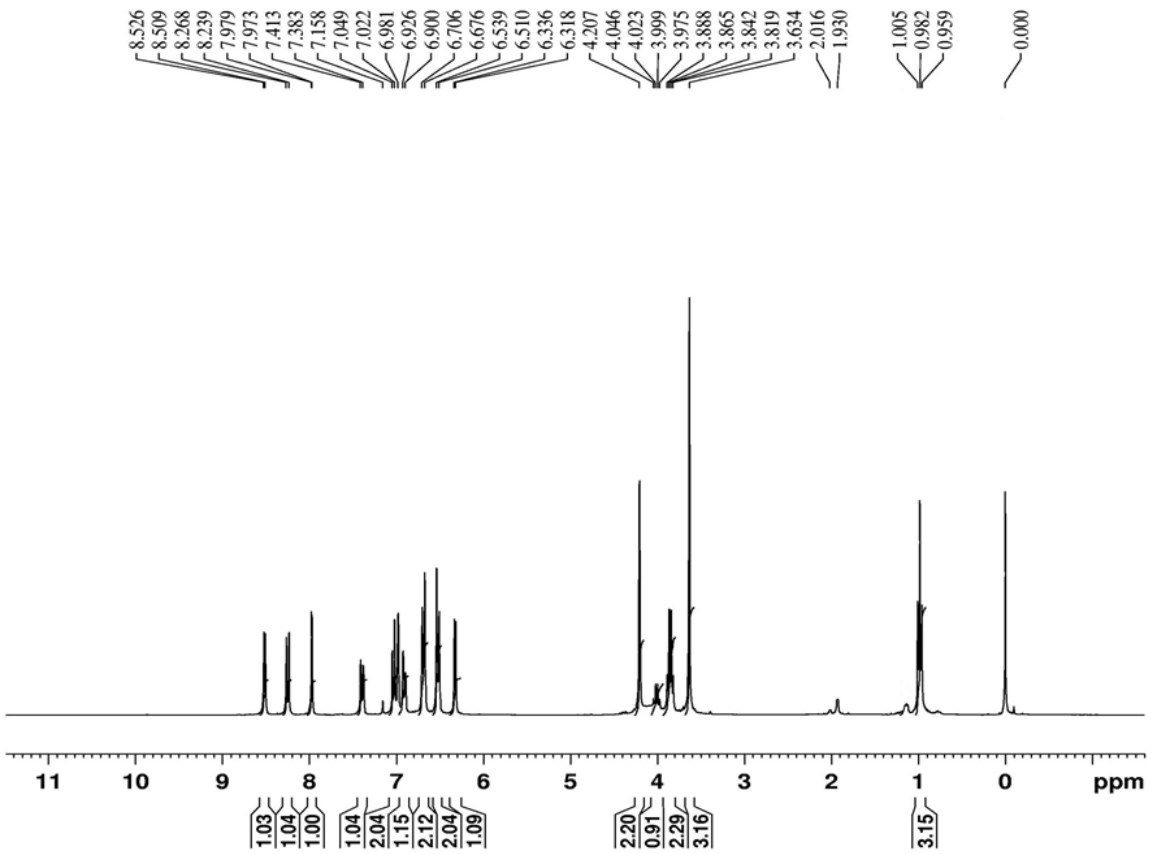


**Figure S16.** $^{1}$H NMR spectrum of compound **5g** in $CDCl_3$.

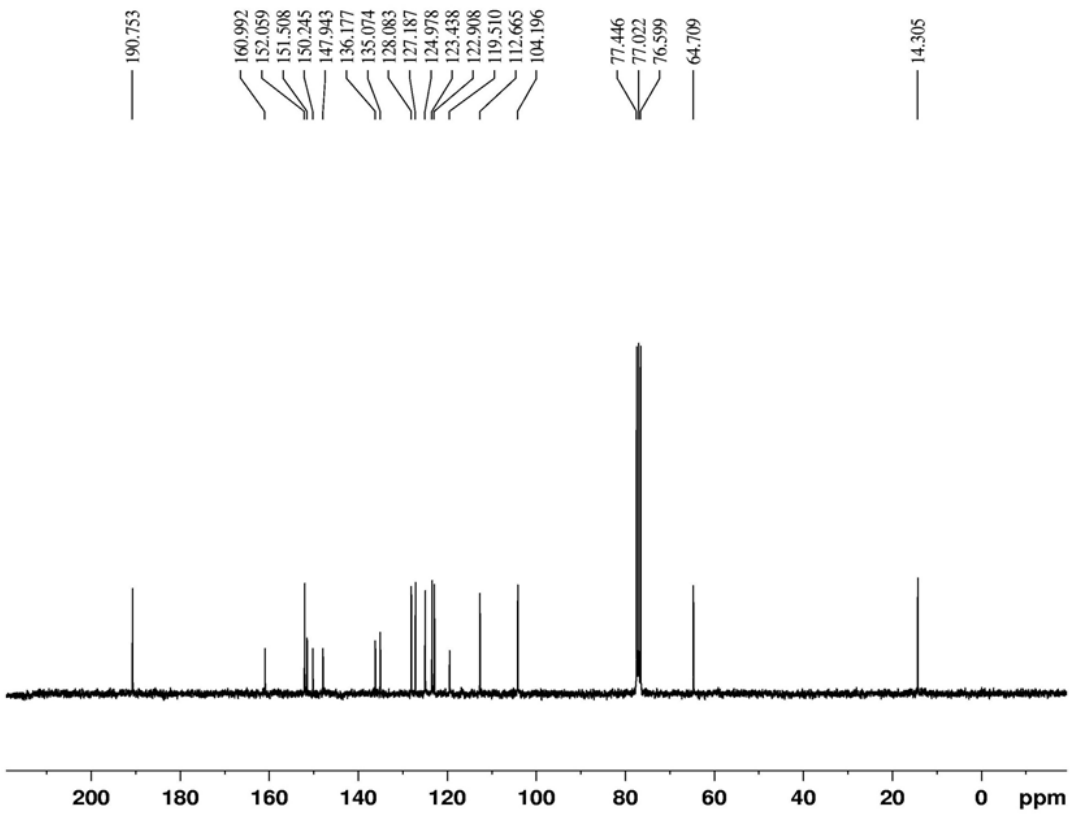


**Figure S17.** $^{13}C$ NMR spectrum of compound **3** in $CDCl_3$.

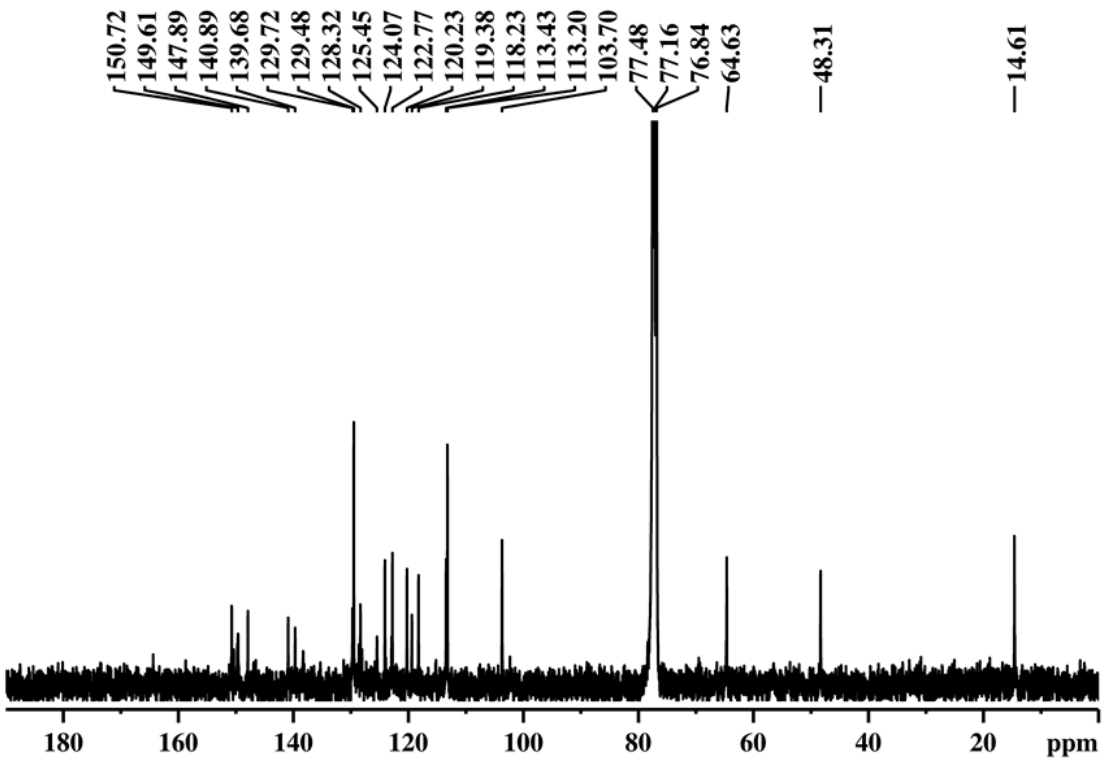


**Figure S18.** $^{13}C$ NMR spectrum of compound **5a** in $CDCl_3$.

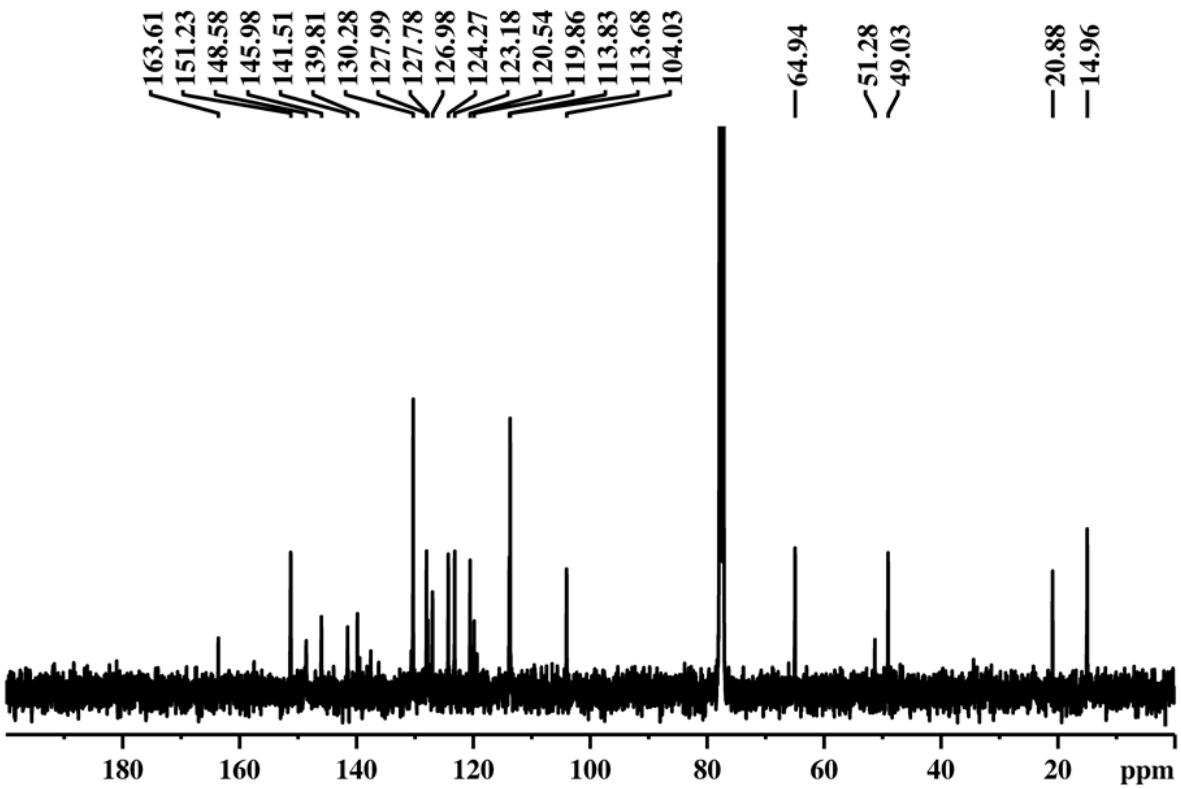


**Figure S19.** $^{13}C$ NMR spectrum of compound **5b** in $CDCl_3$.

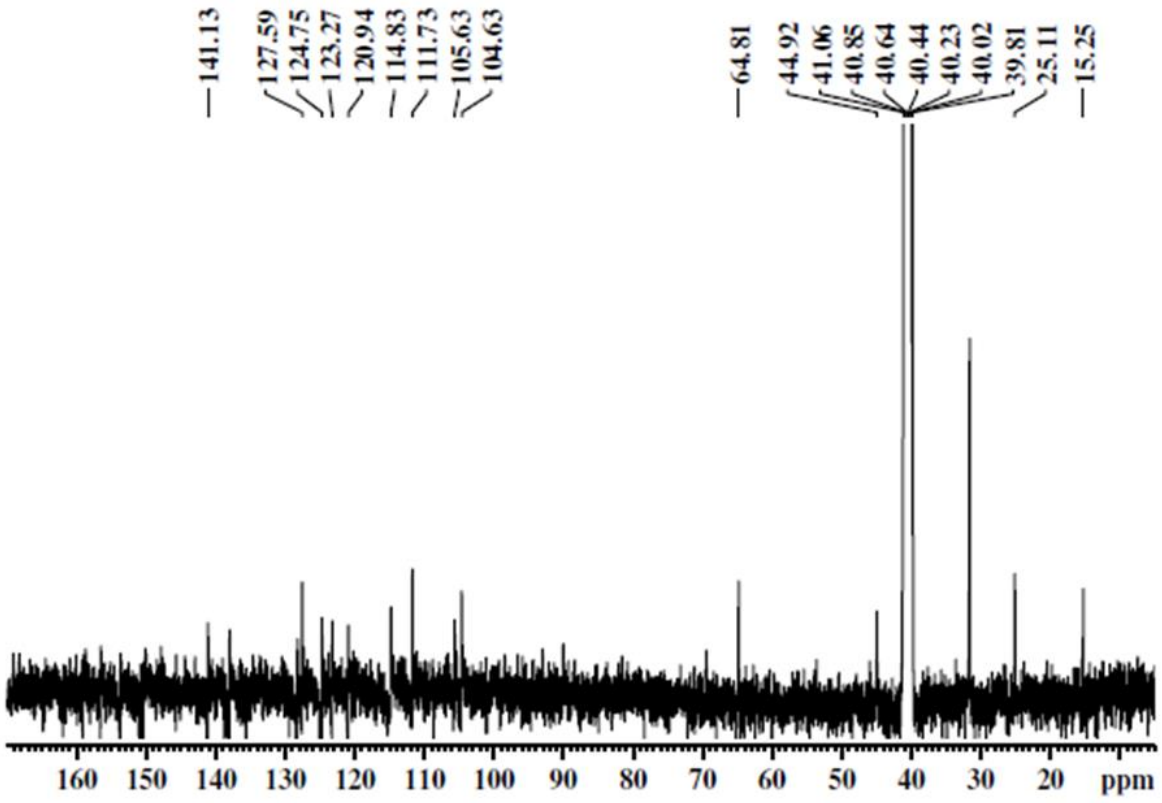


**Figure S20.** $^{13}C$ NMR spectrum of compound **5c** in $d_6$-DMSO.

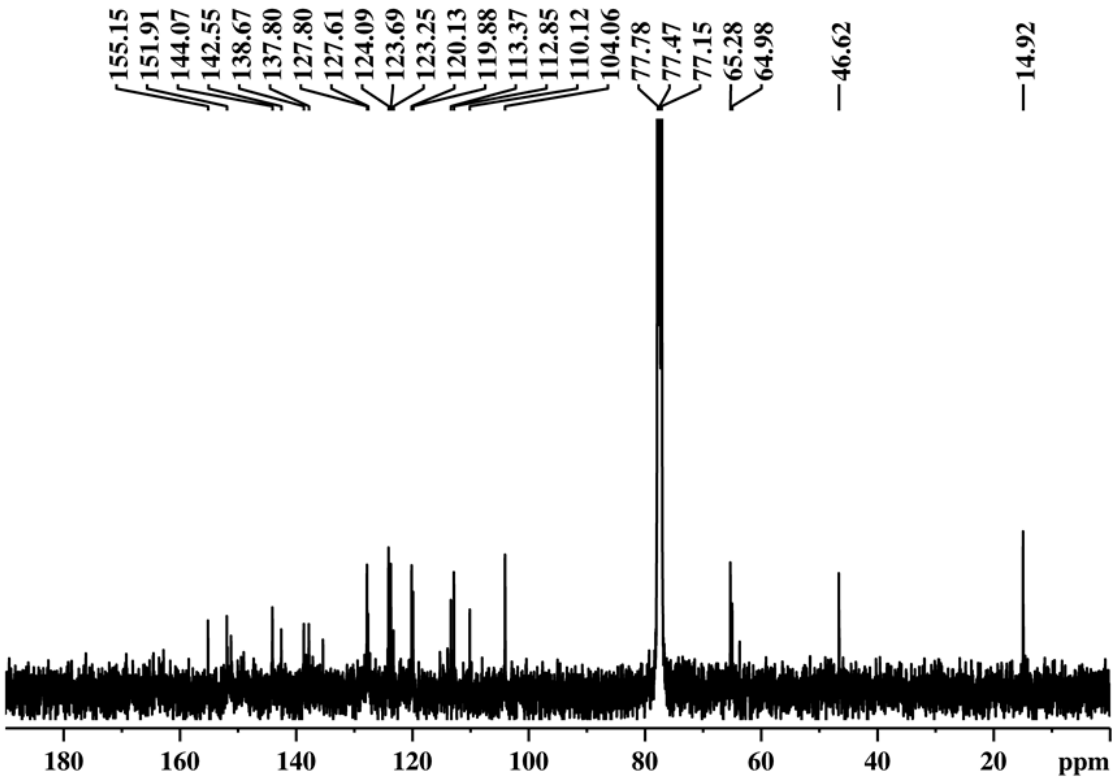


**Figure S21.** $^{13}C$ NMR spectrum of compound **5d** in $CDCl_3$.

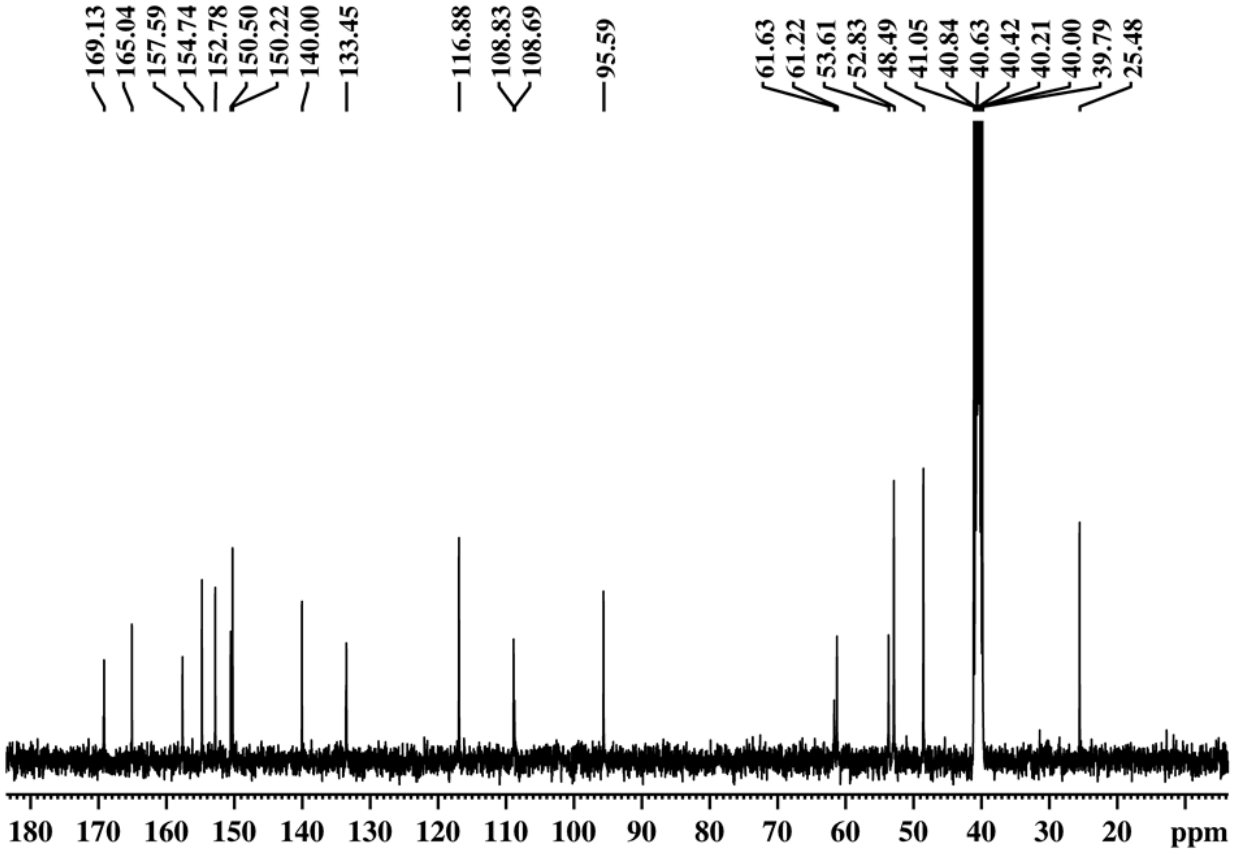


**Figure S22.** $^{13}C$ NMR spectrum of compound **5e** in $d_6$-DMSO.

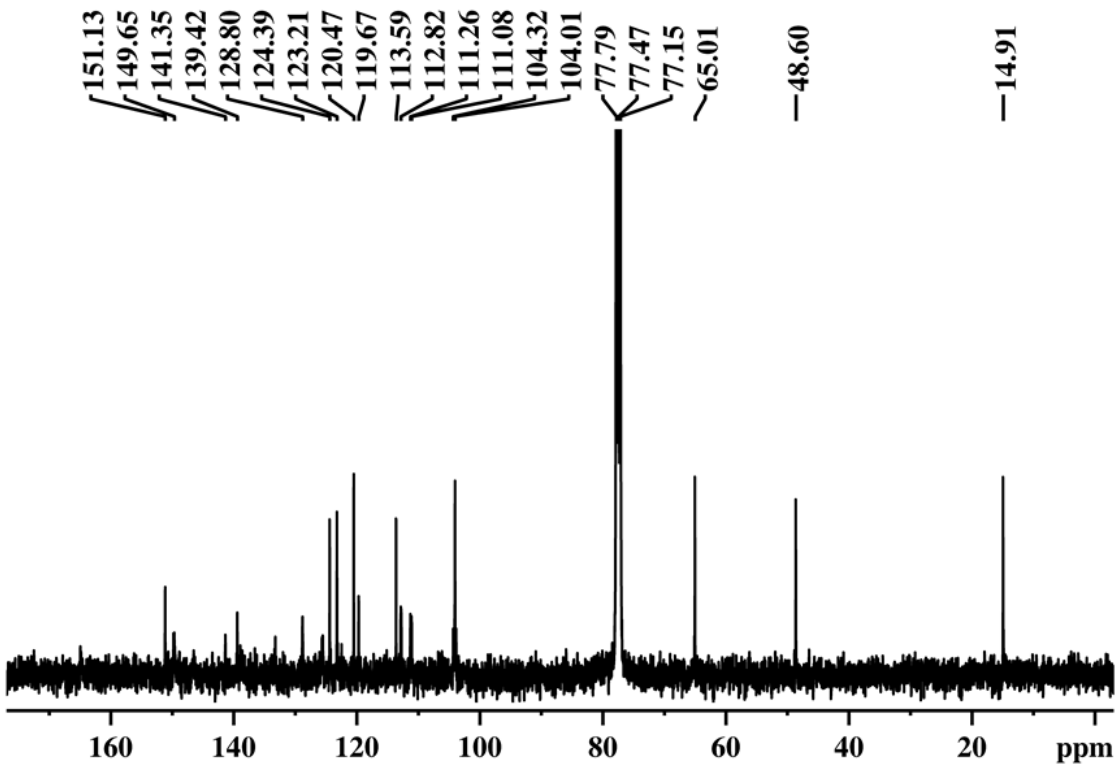


**Figure S23.** $^{13}C$ NMR spectrum of compound **5f** in $CDCl_3$.

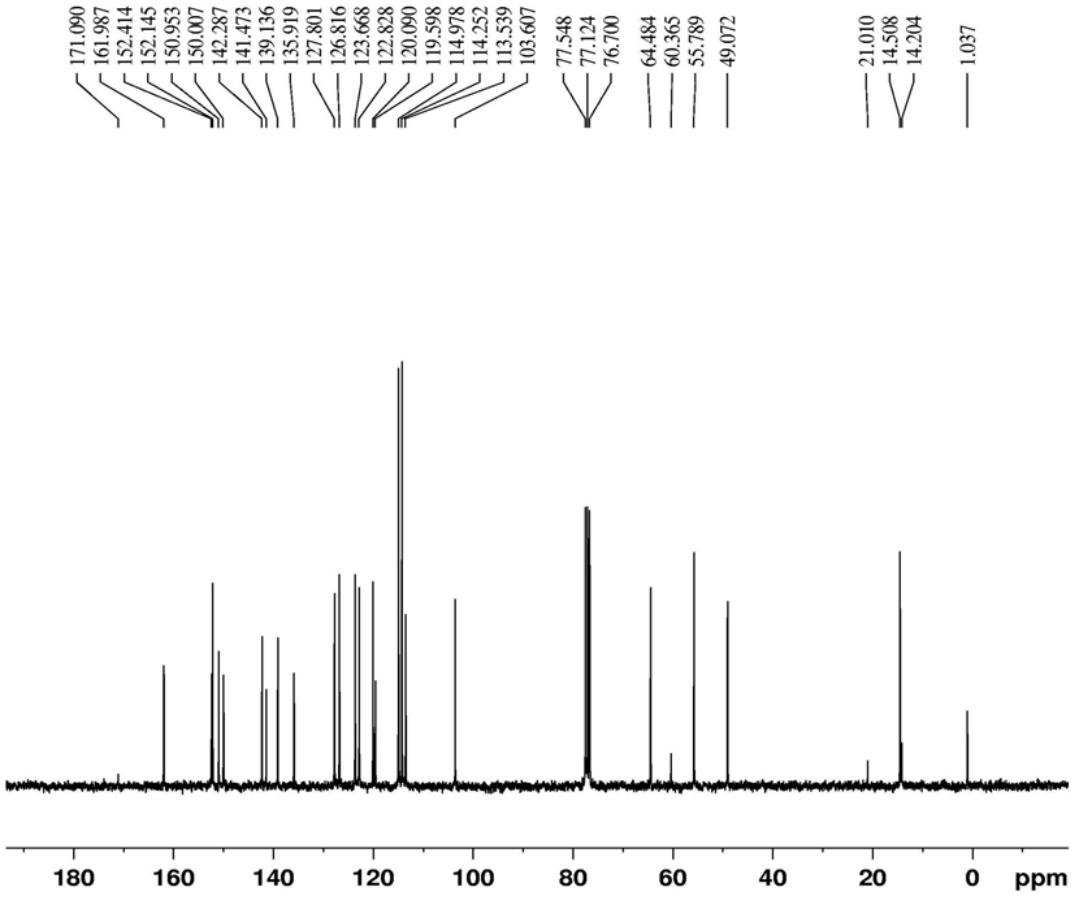


**Figure S24.** $^{13}C$ NMR spectrum of compound **5g** in $CDCl_3$.

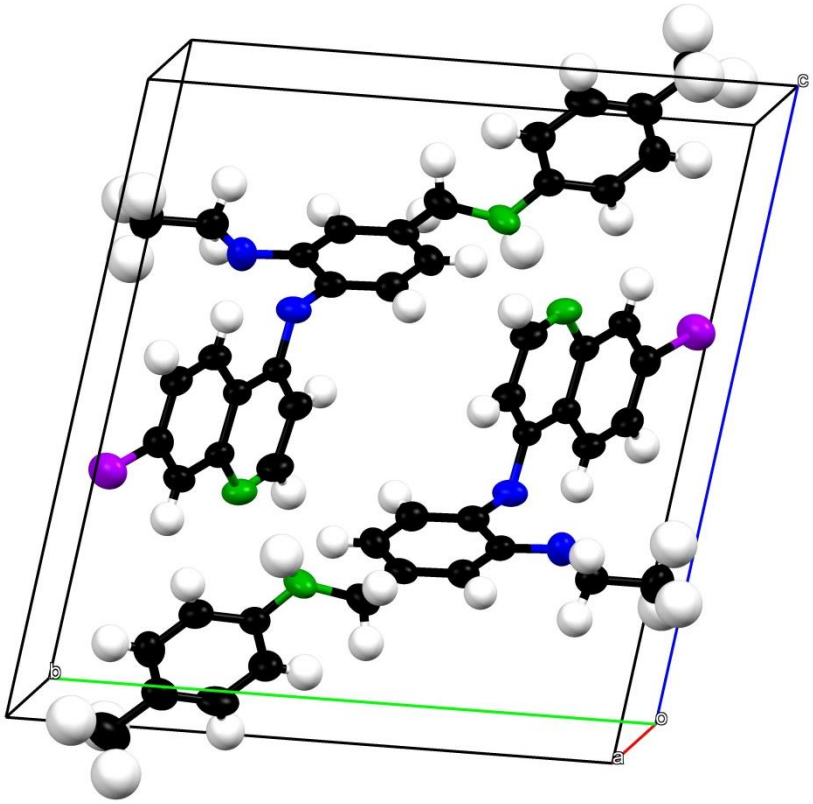


**Figure S25.** Unit cell packing diagram of compound **5b**, viz. N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-4-methylaniline. Color code: Cl, Purple; N, green; C, black; O, blue; H, white.

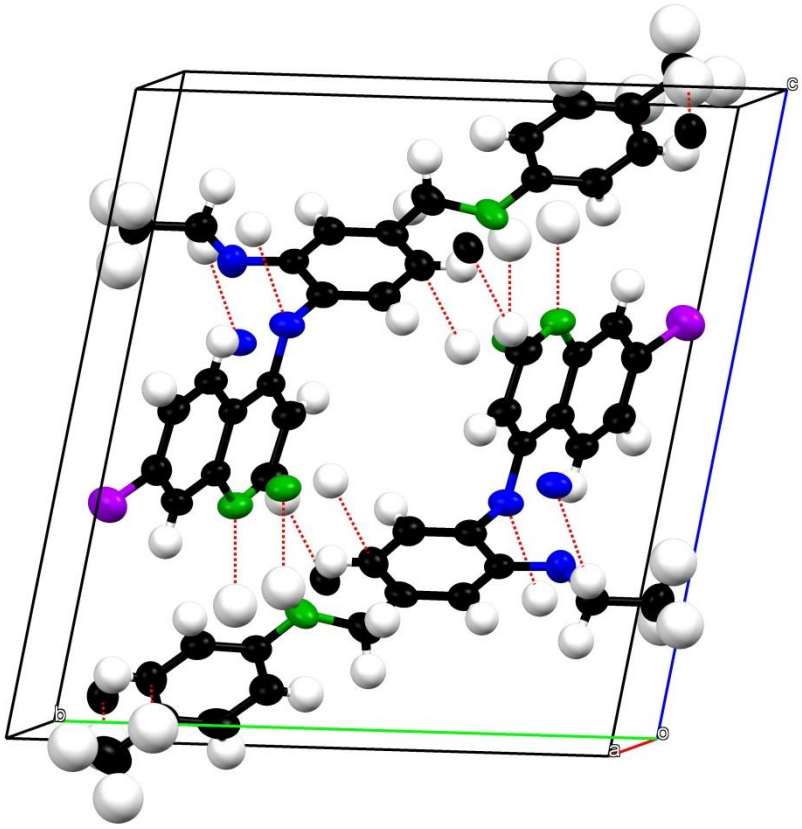


**Figure S26.** Unit cell packing diagram of synthesized molecule **5b**, N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-4-methylaniline, showing short contact bonding (color code: Cl, Purple; N, green; C, black; O, blue; H, white).

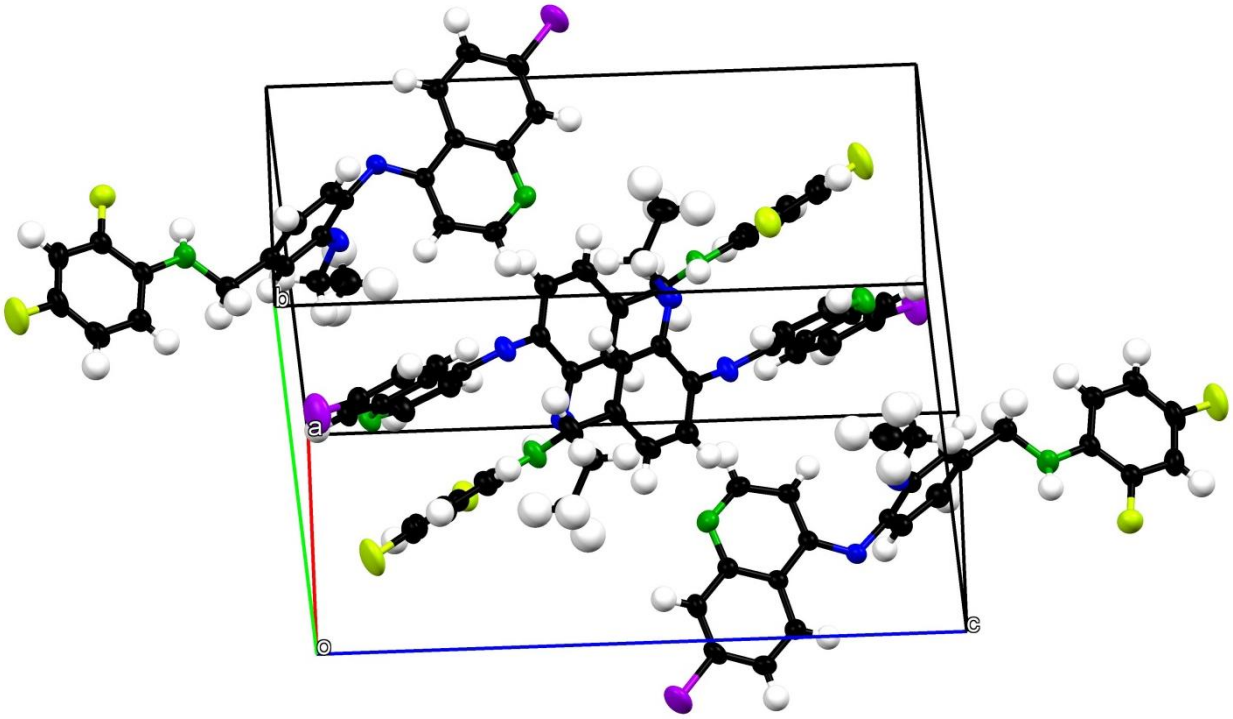


**Figure S27.** Unit cell packing diagram of synthesized molecule **5f**, viz. N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-2,4-difluoroaniline. Color code: Cl, Purple; F, yellow; N, green; C, black; O, blue; H, white.

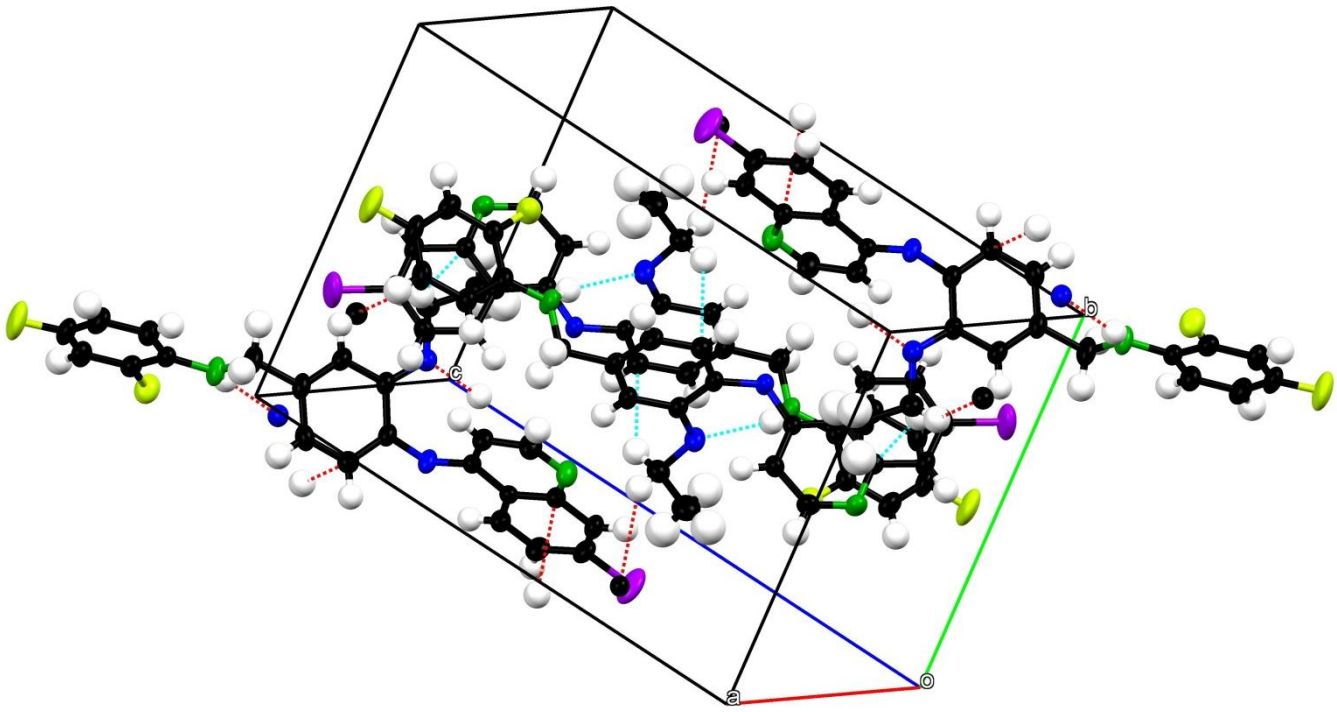


**Figure S28.** Unit cell packing diagram of synthesized molecule **5f**, viz. N-(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)-2,4-difluoroaniline, showing short contact bonding (color code: Cl, Purple; F, yellow; N, green; C, black; O, blue; H, white).