

Supplementary Information

Figure S1. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-1*H*-pyrrole-2-carboxamide (**2a**).

Figure S2. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-4,5-dibromo-1*H*-pyrrole-2-carboxamide (**2b**).

Figure S3. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-1*H*-indole-2-carboxamide (**2c**).

Figure S4. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-5-fluoro-1*H*-indole-2-carboxamide (**2d**).

Figure S5. *tert*-Butyl 2-amino-4-(3-(5-methoxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5f**).

Figure S6. *tert*-Butyl 2-amino-4-(3-(5-(trifluoromethoxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5g**).

Figure S7. *tert*-Butyl 2-amino-4-(3-(5-(benzyloxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5h**).

Figure S8. *tert*-Butyl 2-amino-4-(3-(5-chloro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5i**).

Figure S9. *tert*-Butyl 2-amino-4-(3-(5-fluoro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5j**).

Figure S10. *tert*-Butyl 4-(3-(4*H*-thieno[3,2-*b*]pyrrole-5-carboxamido)phenyl)-2-amino-1*H*-imidazole-1-carboxylate (**5k**).

Figure S11. 2-Amino-4-(3-(5-methoxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6f**).

Figure S12. 2-Amino-4-(3-(5-(trifluoromethoxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6g**).

Figure S13. 2-Amino-4-(3-(5-(benzyloxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6h**).

Figure S14. 2-Amino-4-(3-(5-chloro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6i**).

Figure S15. 2-Amino-4-(3-(5-fluoro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6j**).

Figure S16. 4-(3-(4*H*-Thieno[3,2-*b*]pyrrole-5-carboxamido)phenyl)-2-amino-1*H*-imidazol-3-ium chloride (**6k**).

Figure S17. *tert*-Butyl 2-amino-4-(3-(5-hydroxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**7**).

Figure S18. 2-Amino-4-(3-(5-hydroxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**8**).

Figure S19. 1-Benzyl-4-(3-nitrophenyl)-1*H*-imidazol-2-amine (**13**).

Figure S20. 4-(3-Aminophenyl)-1-benzyl-1*H*-imidazol-2-amine (**14**).

Figure S21. *N*-(3-(2-Amino-1-benzyl-1*H*-imidazol-4-yl)phenyl)-1*H*-pyrrole-2-carboxamide (**15**).

Figure S22. 4-(3-(((1*H*-Pyrrol-2-yl)methyl)amino)phenyl)-1-benzyl-1*H*-imidazol-2-amine (**16**).

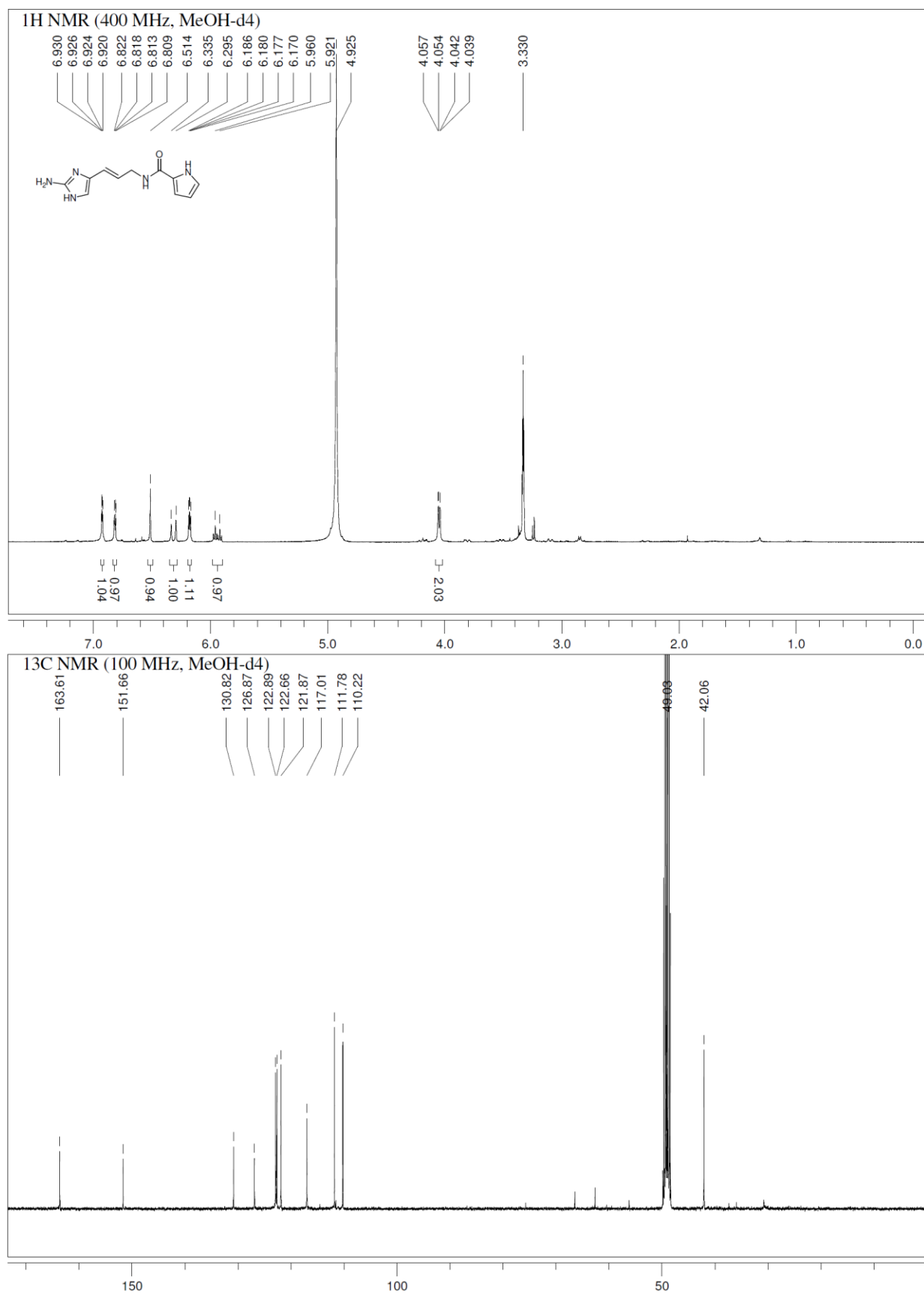
Figure S1. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-1*H*-pyrrole-2-carboxamide (**2a**).

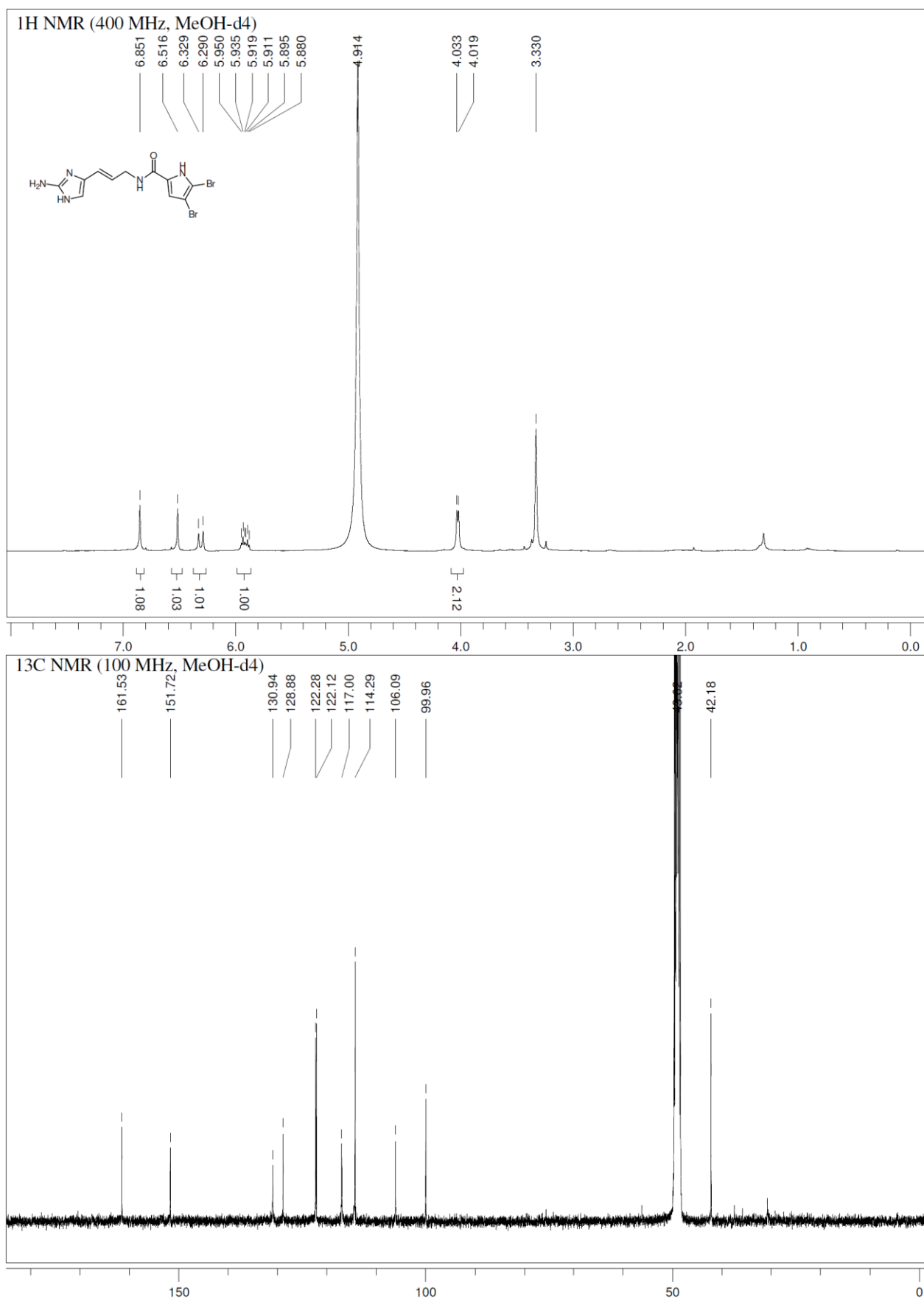
Figure S2. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-4,5-dibromo-1*H*-pyrrole-2-carboxamide (**2b**).

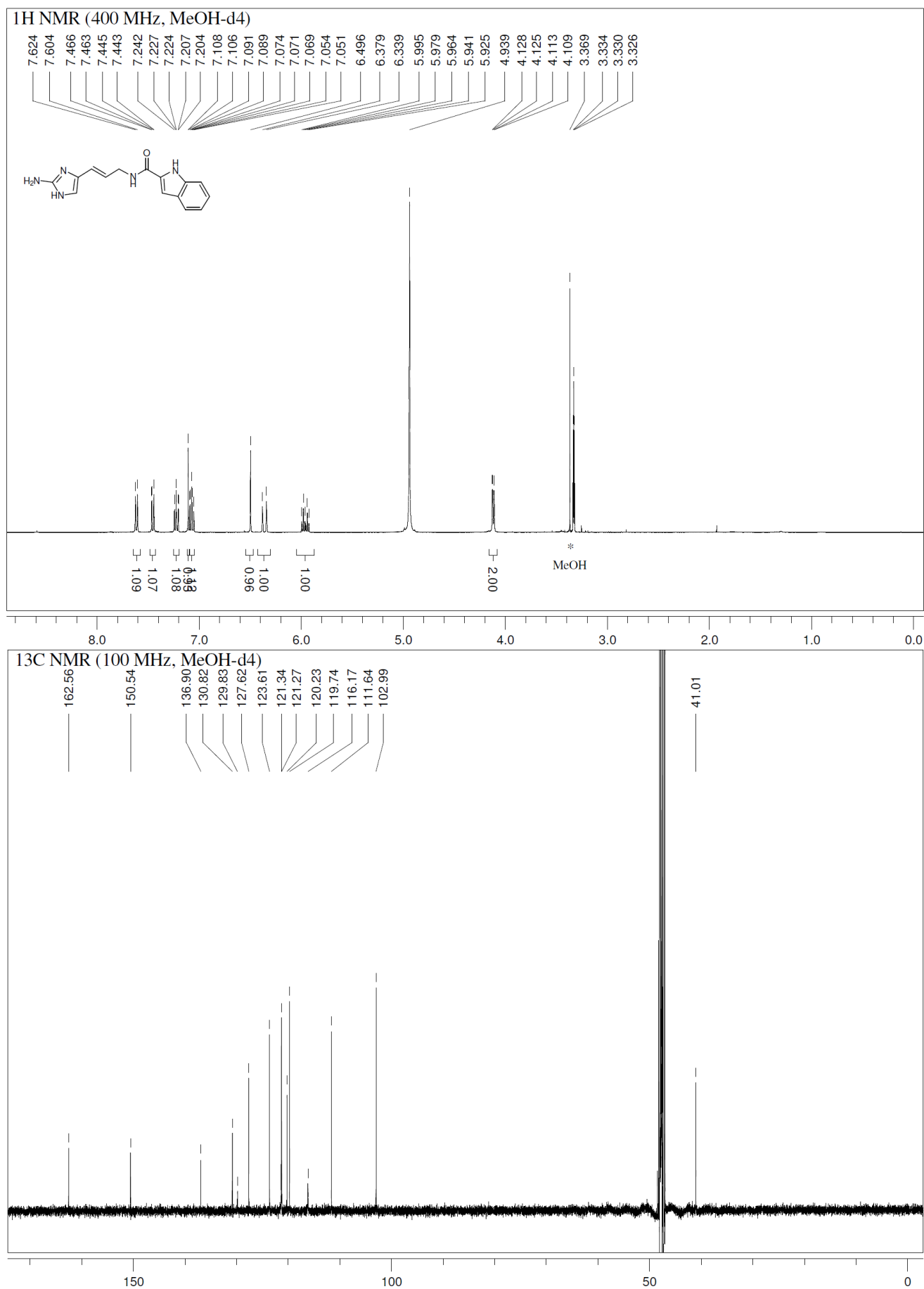
Figure S3. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-1*H*-indole-2-carboxamide (**2c**).

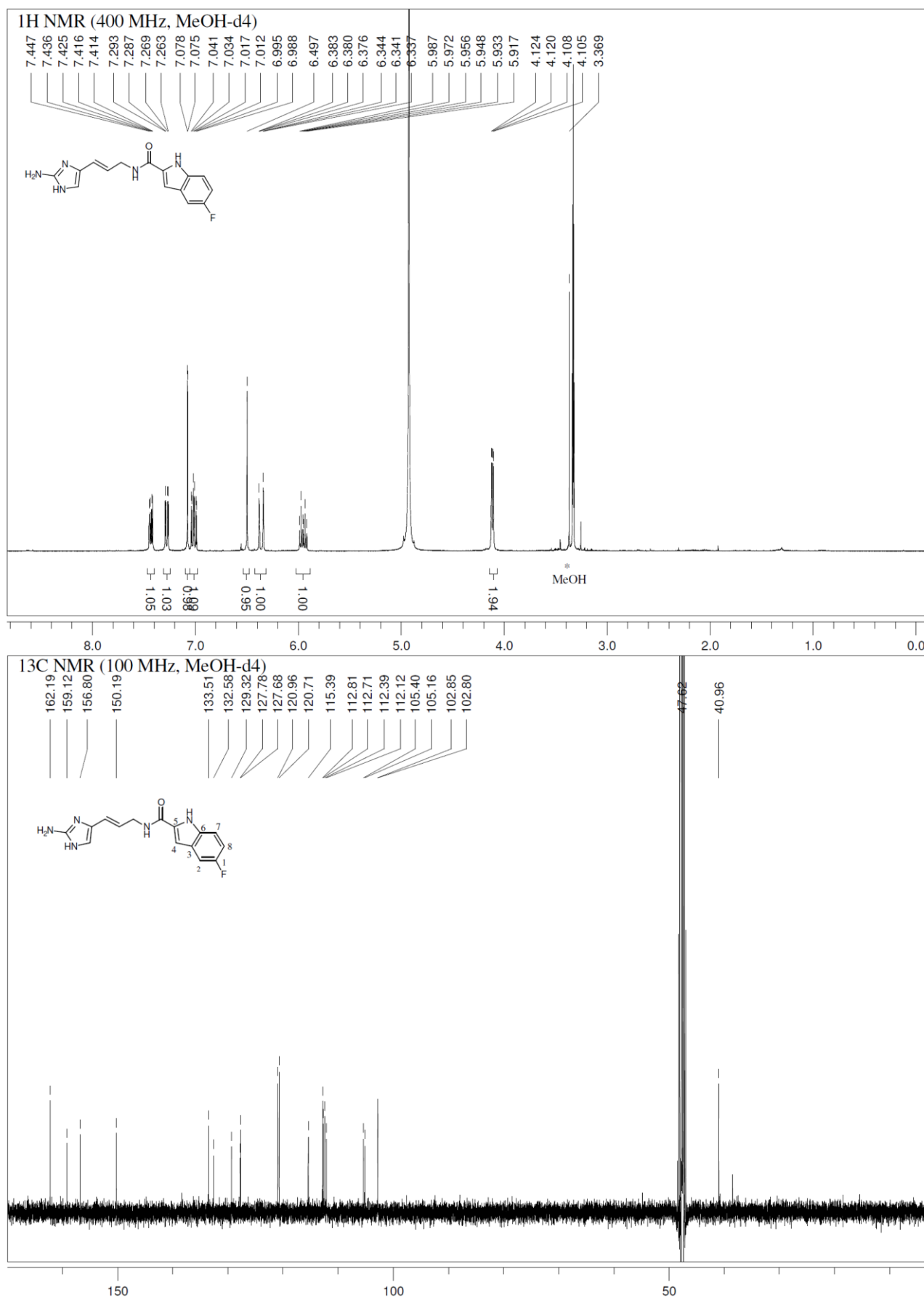
Figure S4. (*E*)-*N*-(3-(2-amino-1*H*-imidazol-4-yl)allyl)-5-fluoro-1*H*-indole-2-carboxamide (**2d**).

Figure S5. *tert*-Butyl 2-amino-4-(3-(5-methoxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5f**).

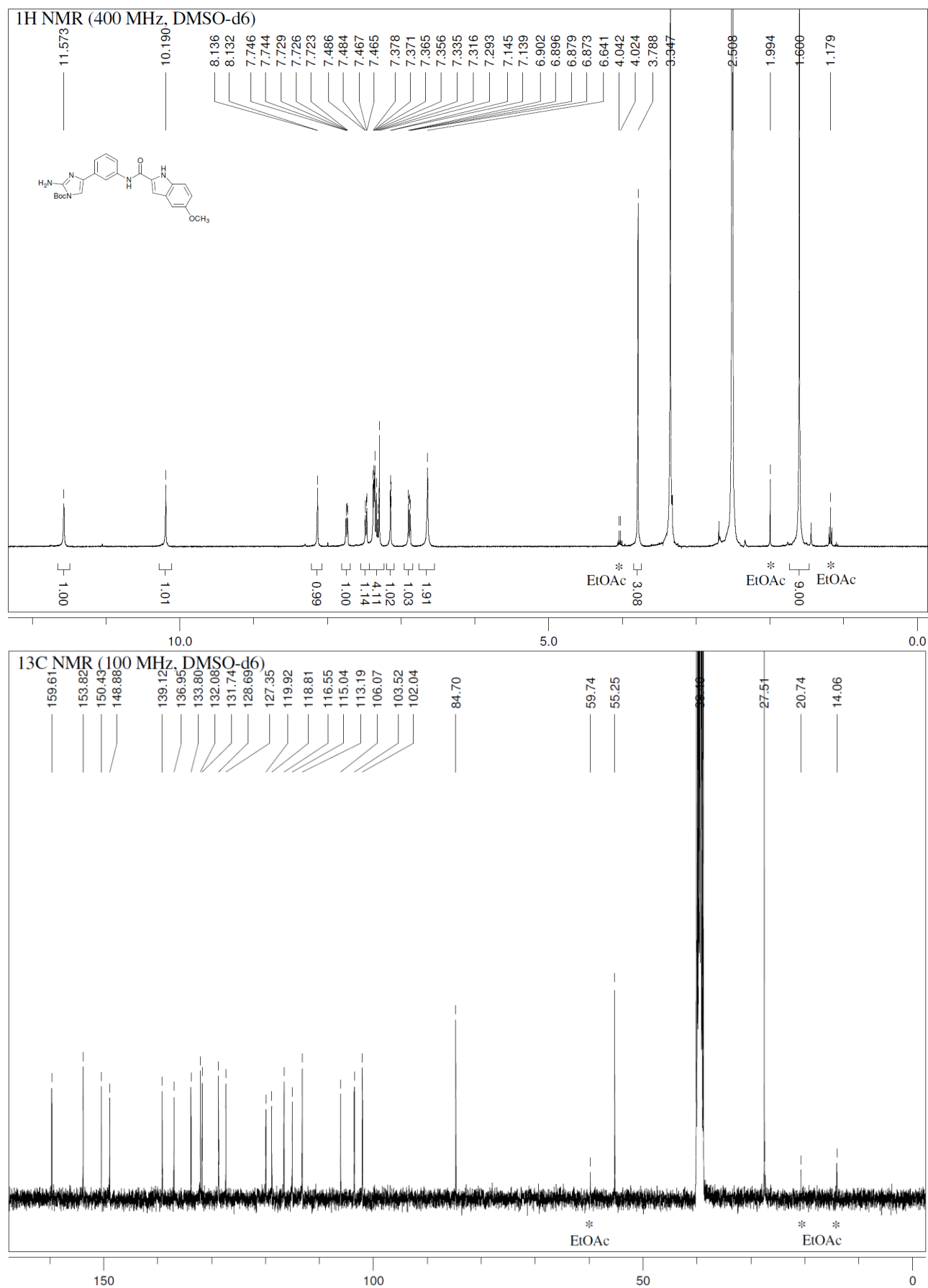


Figure S6. *tert*-Butyl 2-amino-4-(3-(5-(trifluoromethoxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5g**).

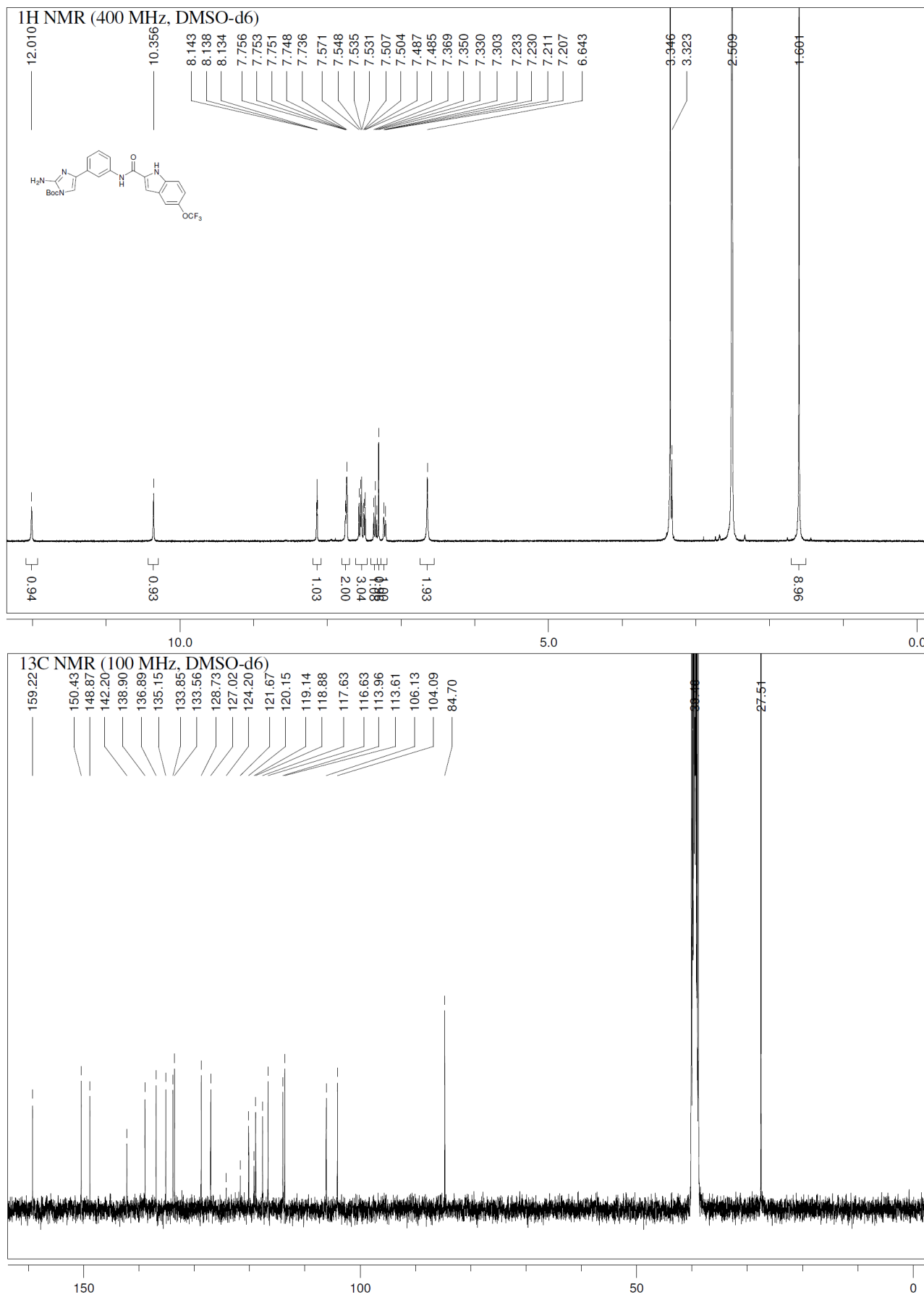


Figure S7. *tert*-Butyl 2-amino-4-(3-(5-(benzyloxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5h**).

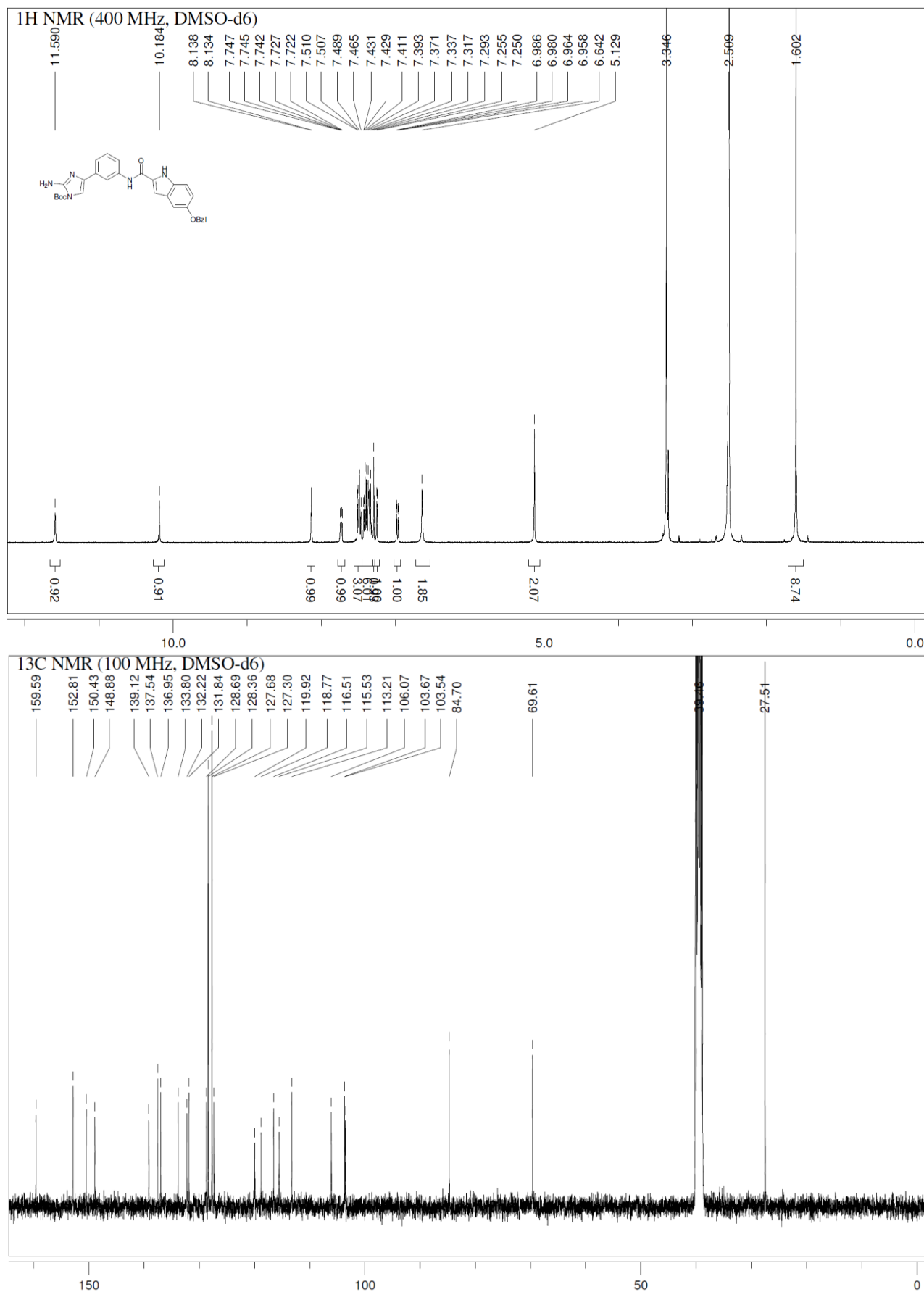


Figure S8. *tert*-Butyl 2-amino-4-(3-(5-chloro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5i**).

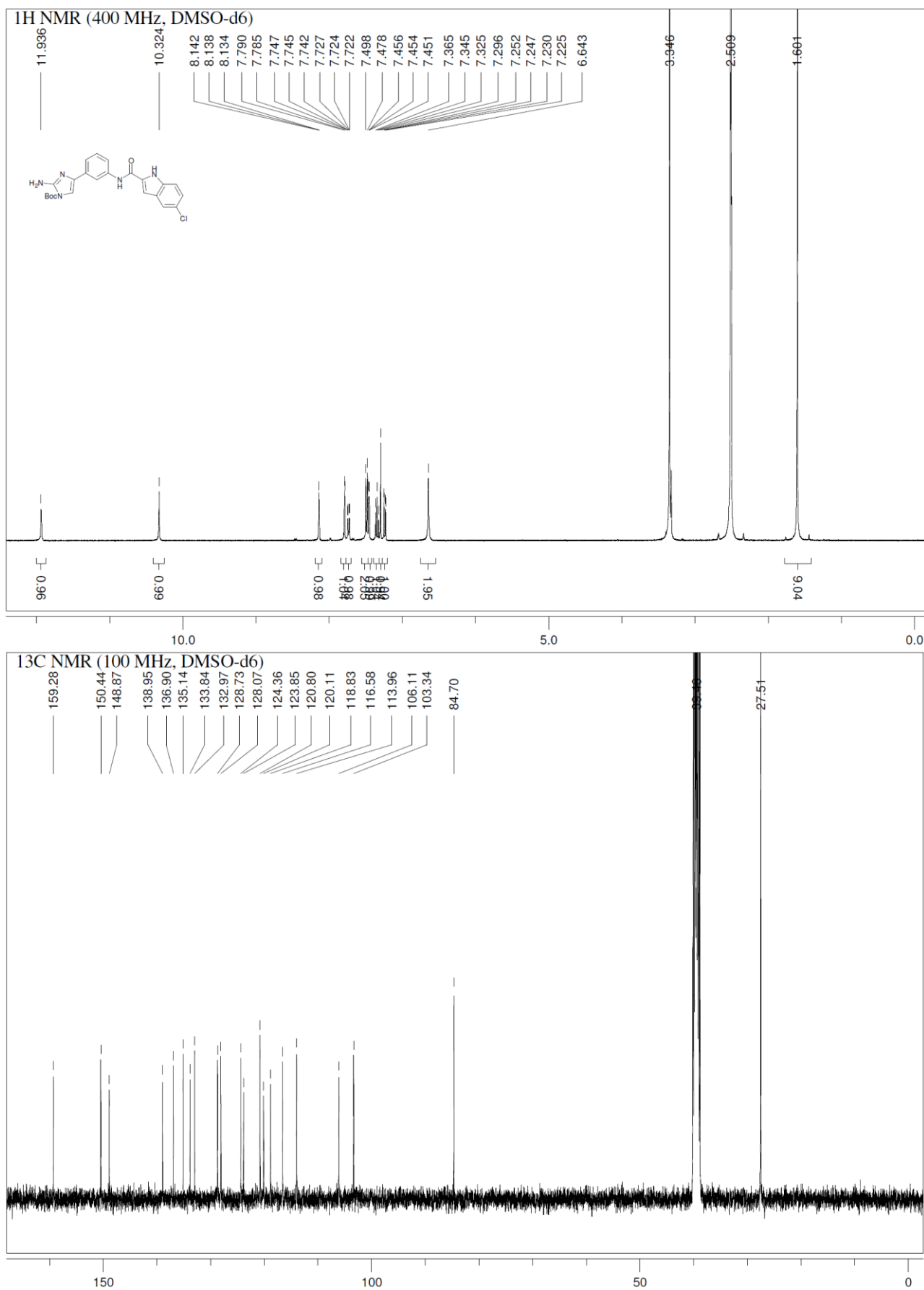


Figure S9. *tert*-Butyl 2-amino-4-(3-(5-fluoro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**5j**).

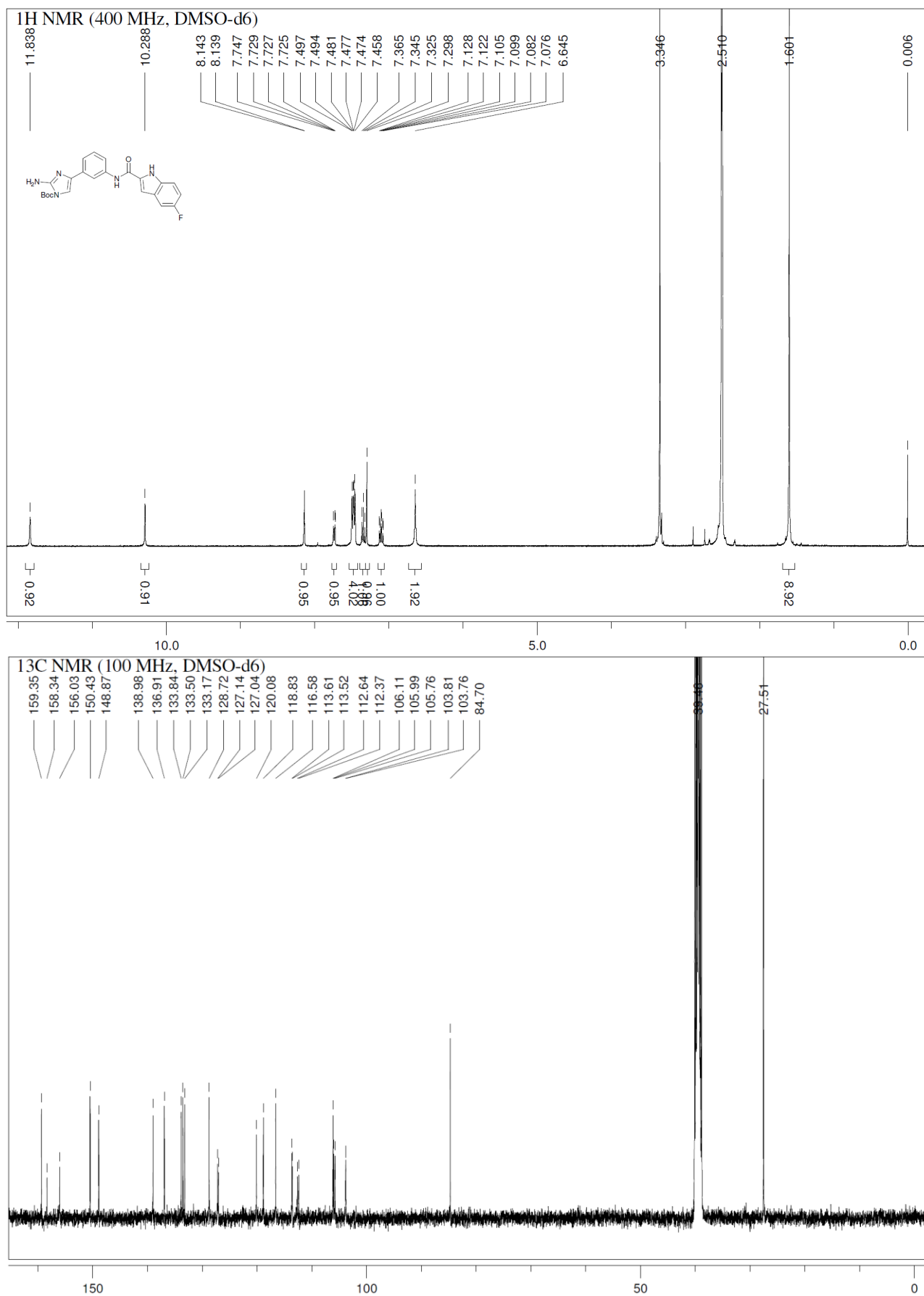


Figure S10. *tert*-Butyl 4-(3-(4*H*-thieno[3,2-*b*]pyrrole-5-carboxamido)phenyl)-2-amino-1-*H*-imidazole-1-carboxylate (**5k**).

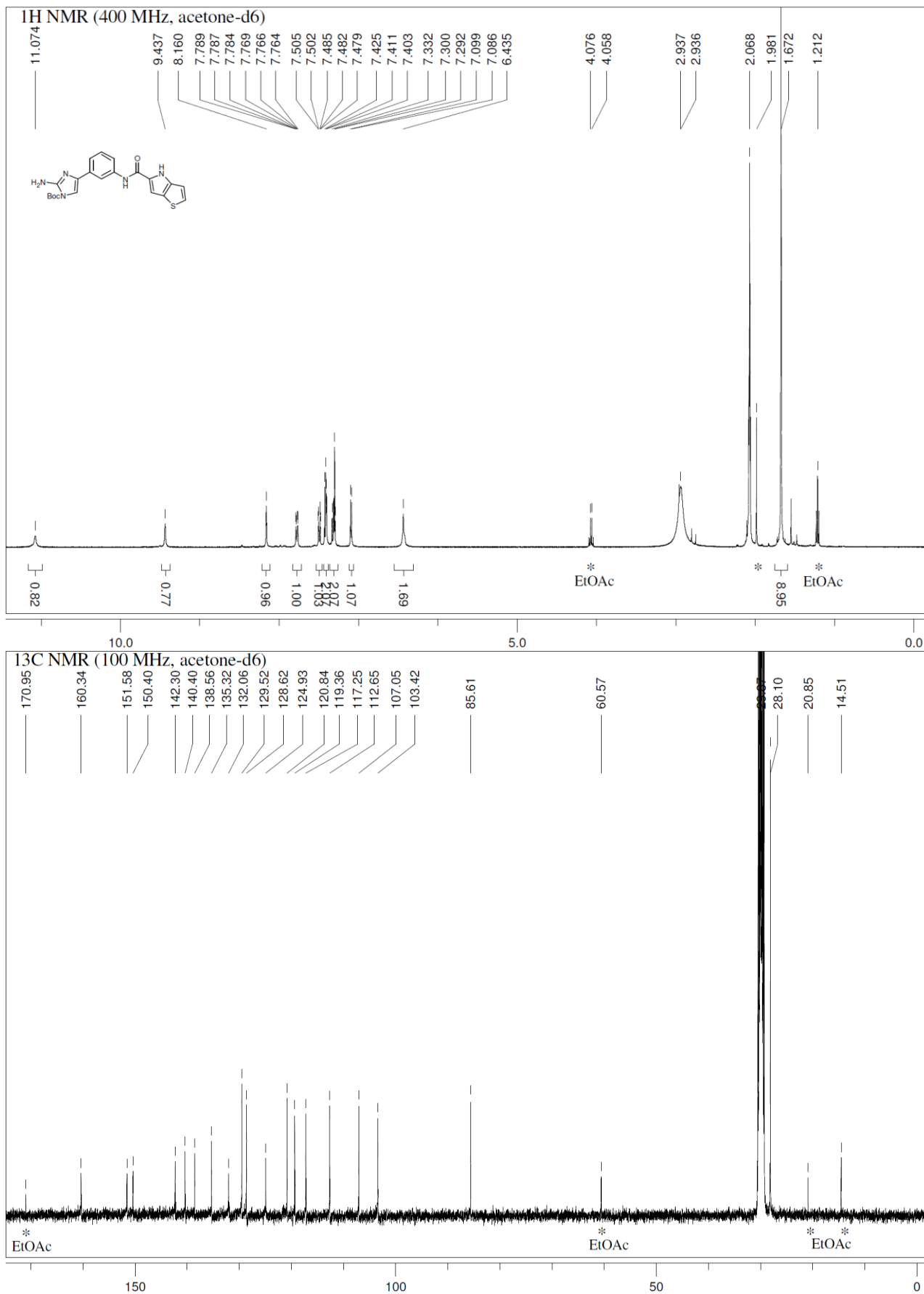


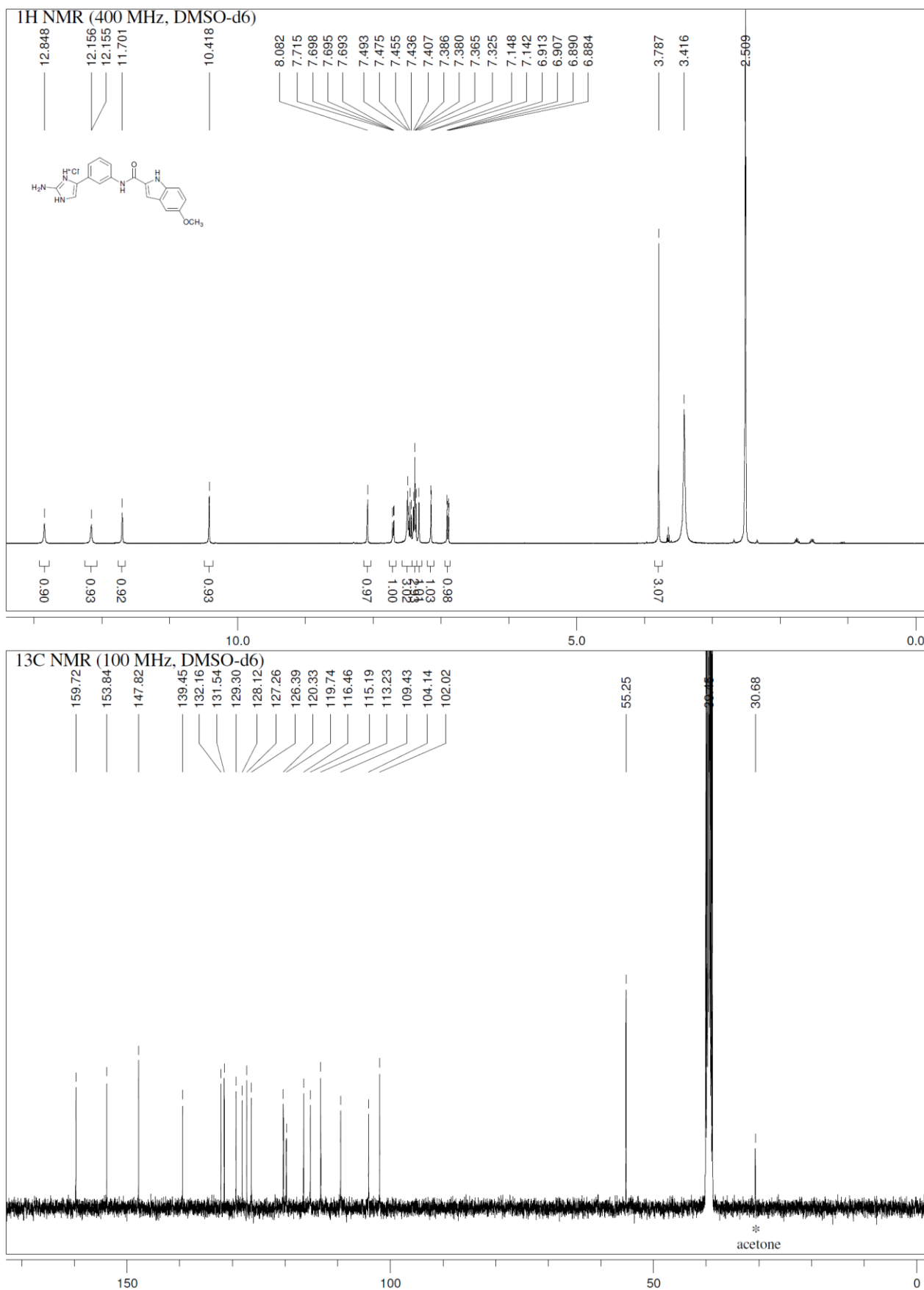
Figure S11. 2-Amino-4-(3-(5-methoxy-1H-indole-2-carboxamido)phenyl)-1H-imidazol-3-ium chloride (**6f**).

Figure S12. 2-Amino-4-(3-(5-(trifluoromethoxy)-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6g**).

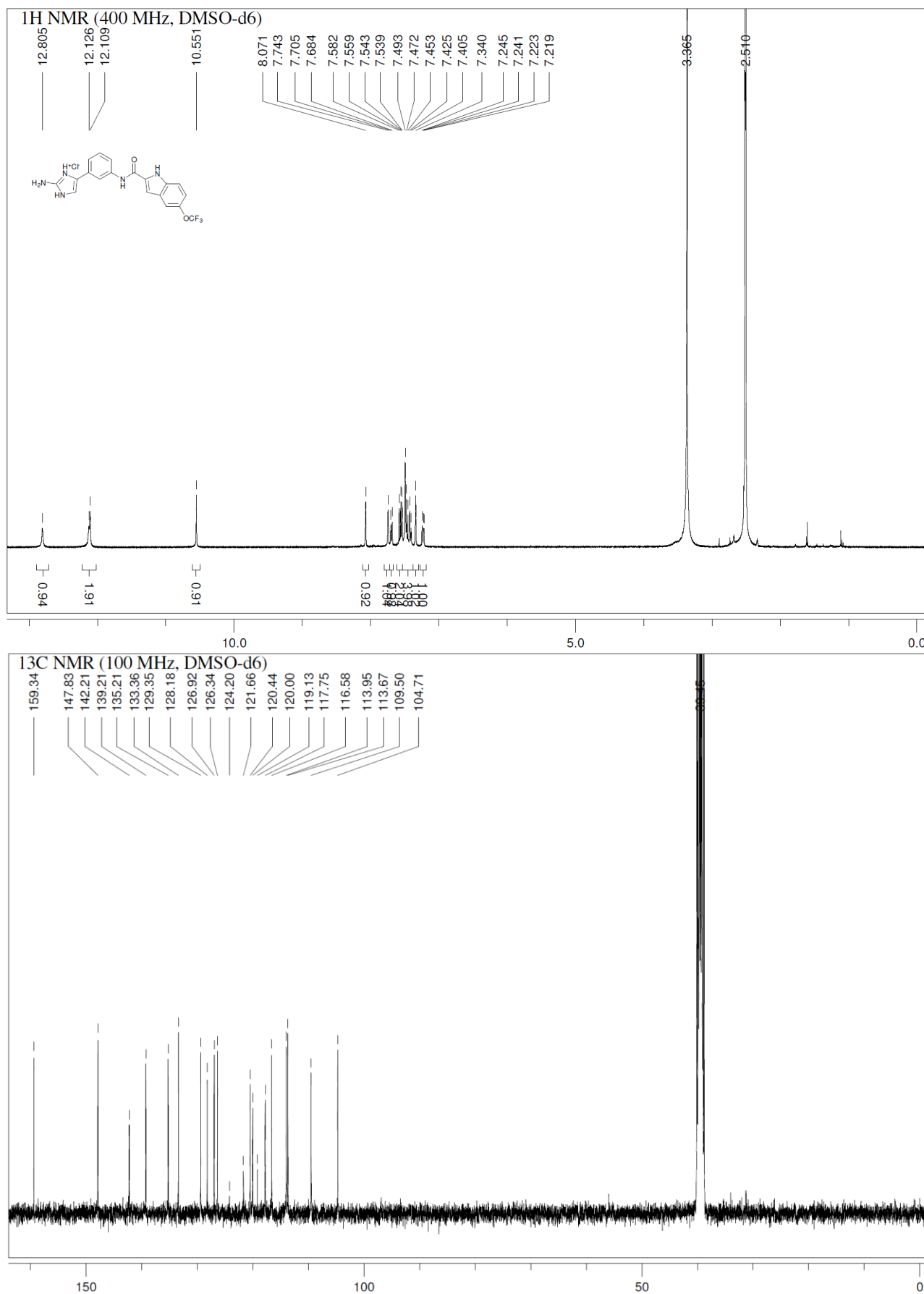


Figure S13. 2-Amino-4-(3-(5-(benzyloxy)-1H-indole-2-carboxamido)phenyl)-1H-imidazol-3-ium chloride (**6h**).

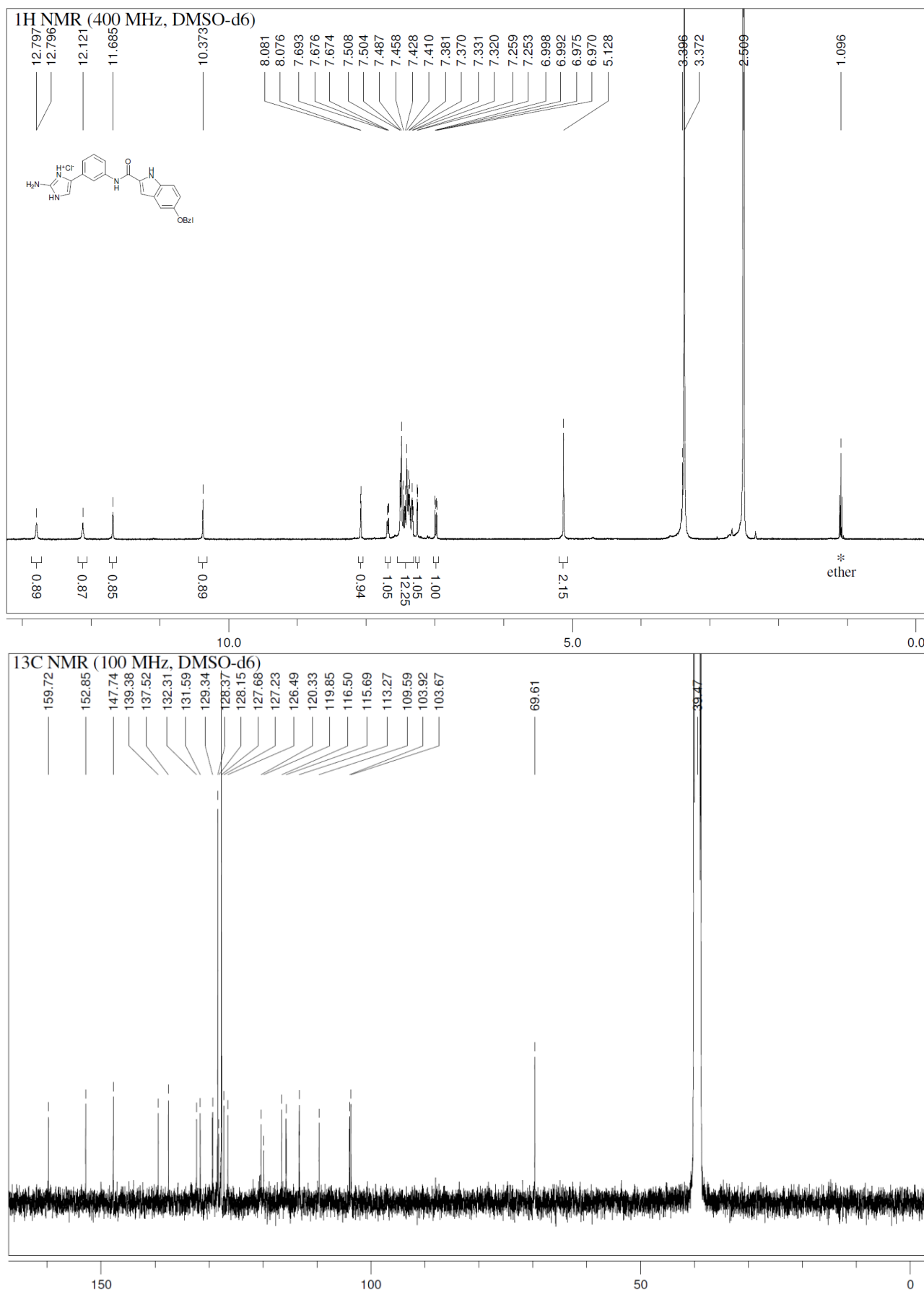


Figure S14. 2-Amino-4-(3-(5-chloro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6i**).

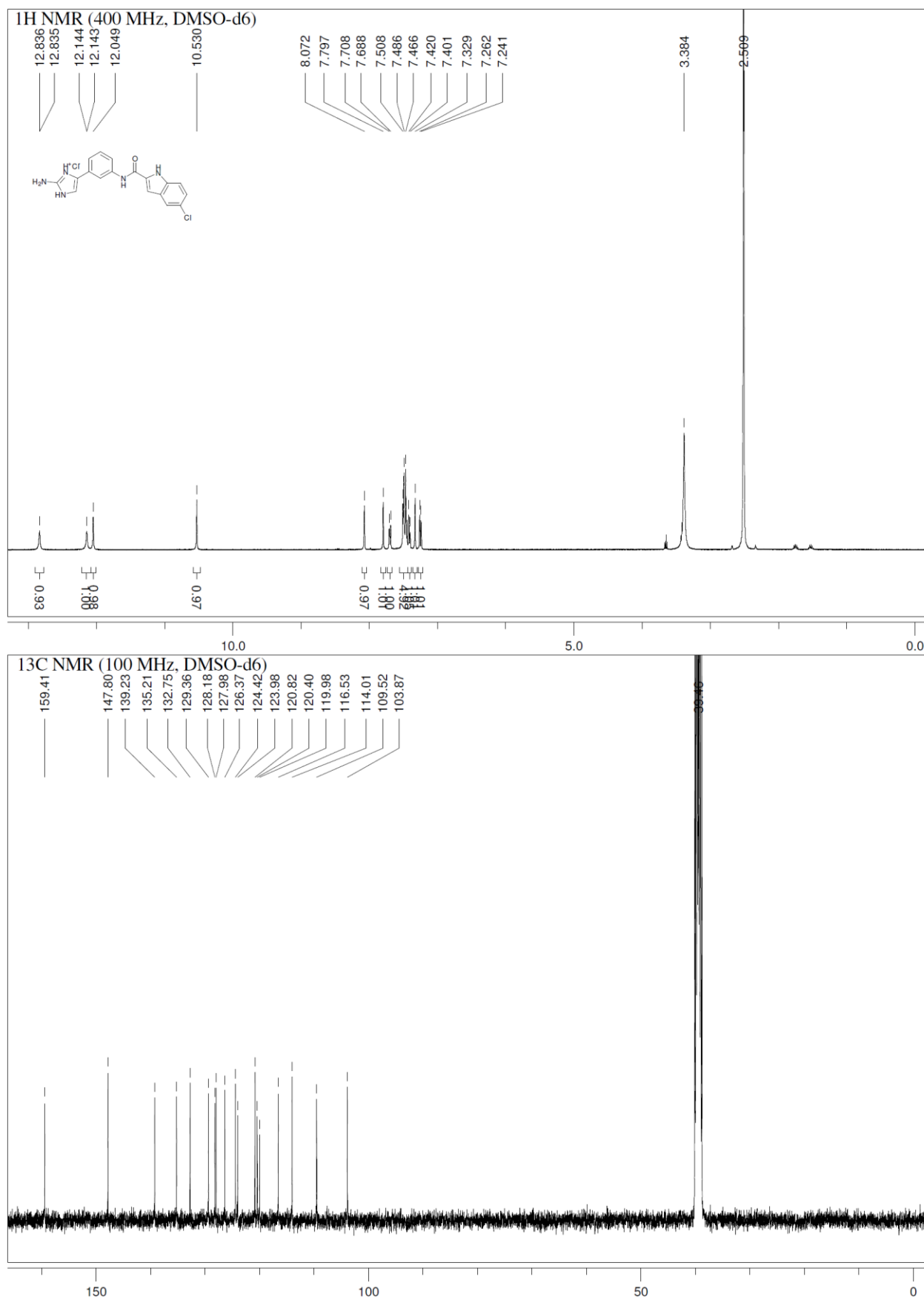


Figure S15. 2-Amino-4-(3-(5-fluoro-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**6j**).

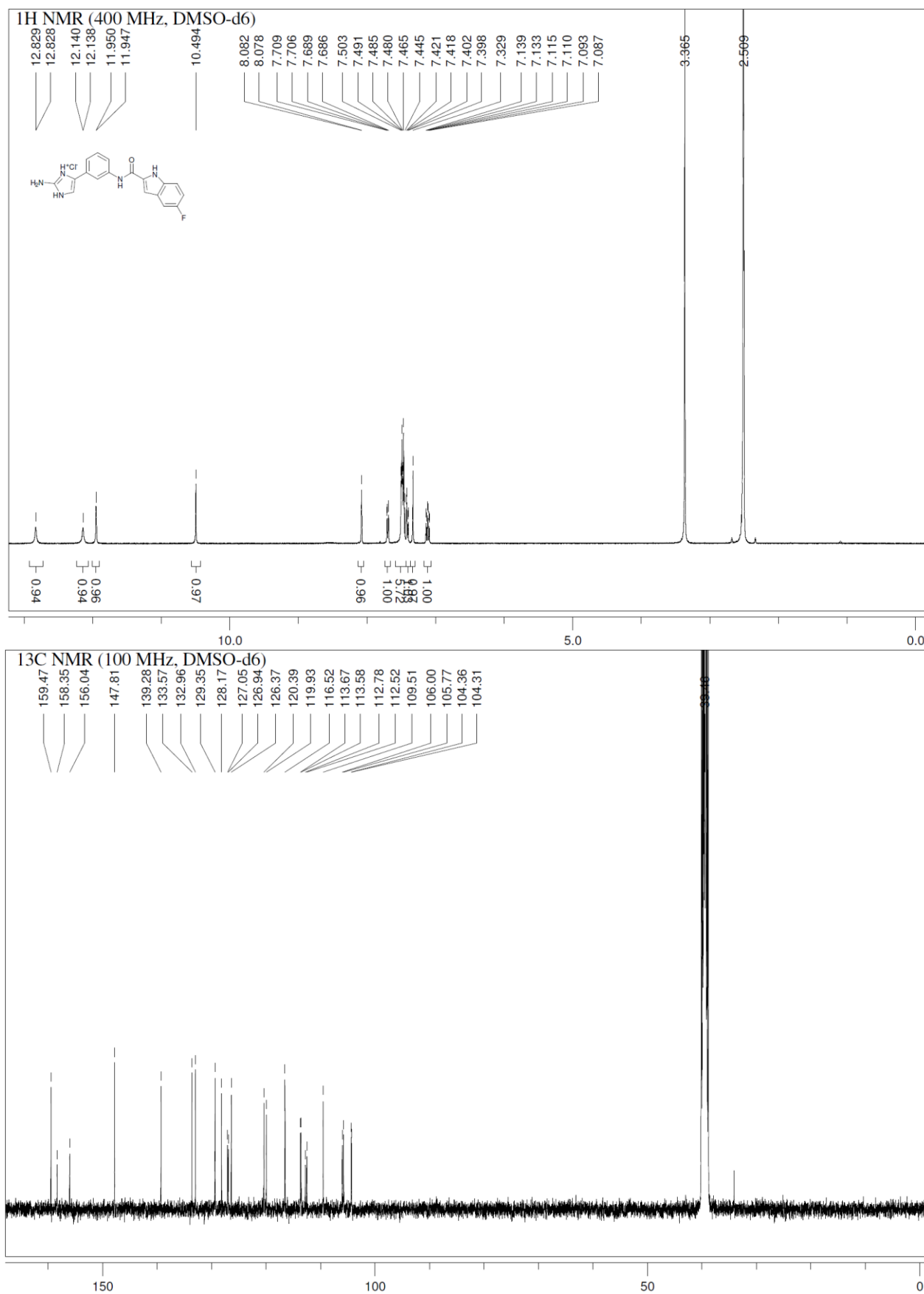


Figure S16. 4-(3-(4*H*-Thieno[3,2-*b*]pyrrole-5-carboxamido)phenyl)-2-amino-1*H*-imidazol-3-ium chloride (**6k**).

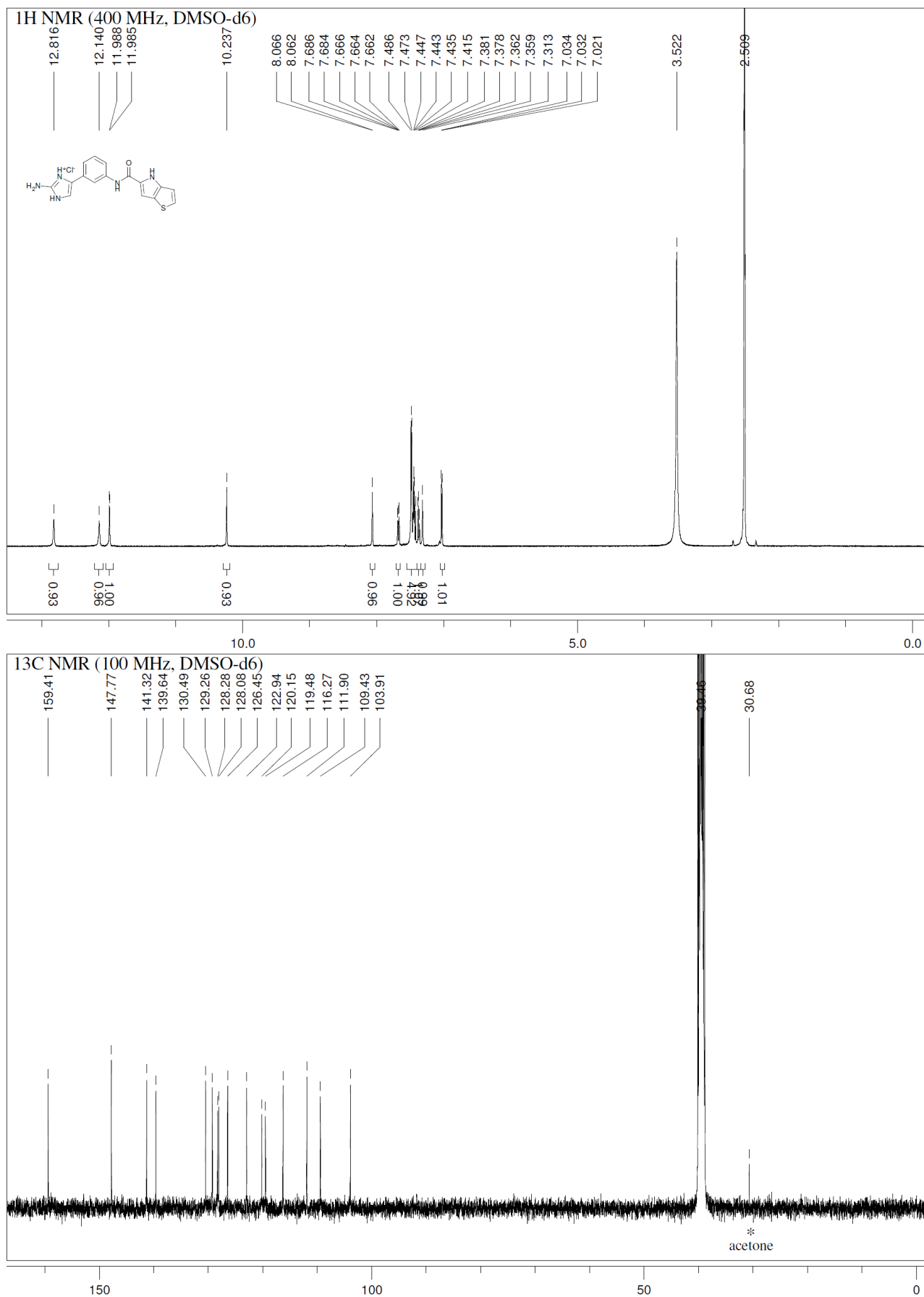


Figure S17. *tert*-Butyl 2-amino-4-(3-(5-hydroxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazole-1-carboxylate (**7**).

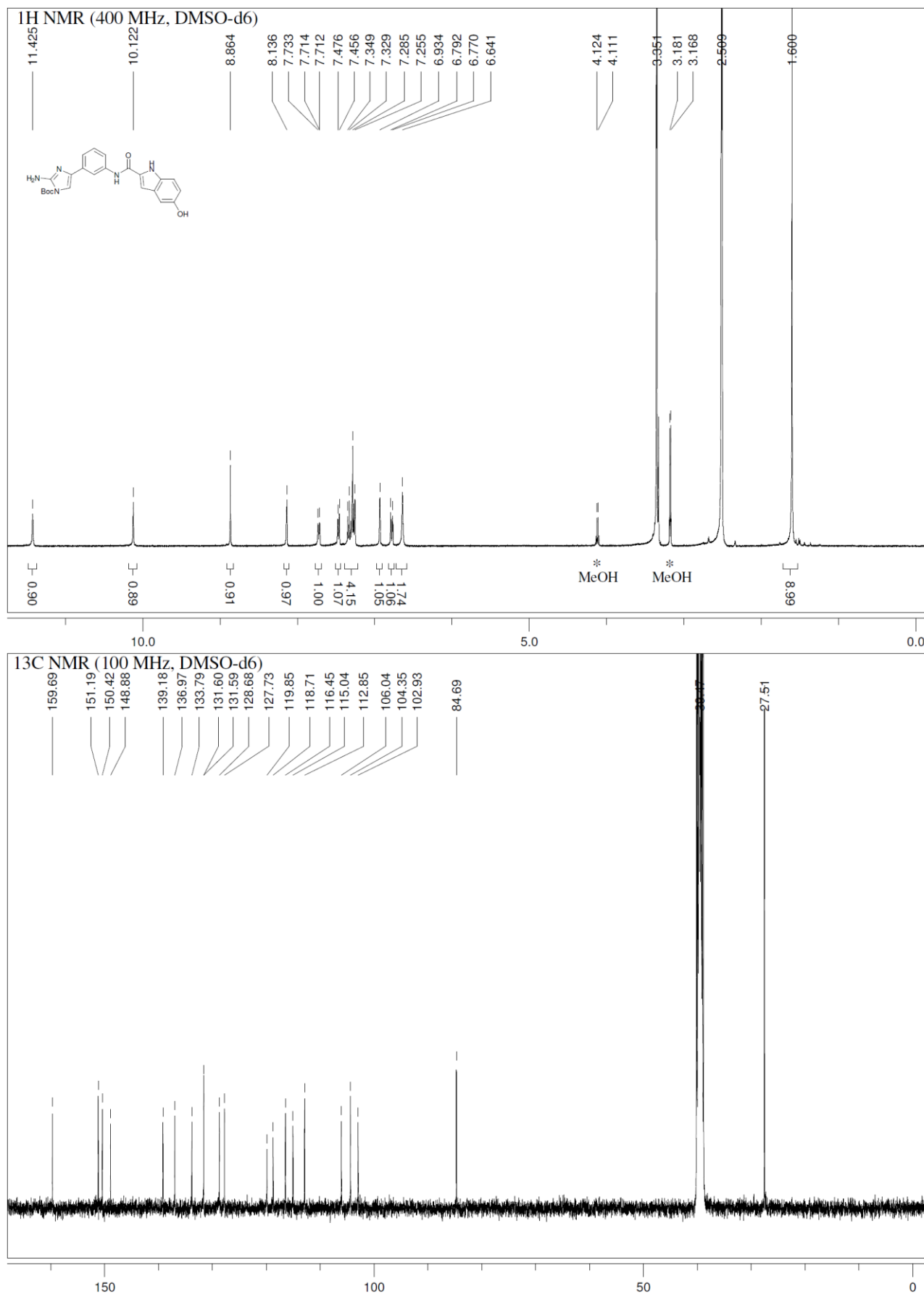


Figure S18. 2-Amino-4-(3-(5-hydroxy-1*H*-indole-2-carboxamido)phenyl)-1*H*-imidazol-3-ium chloride (**8**).

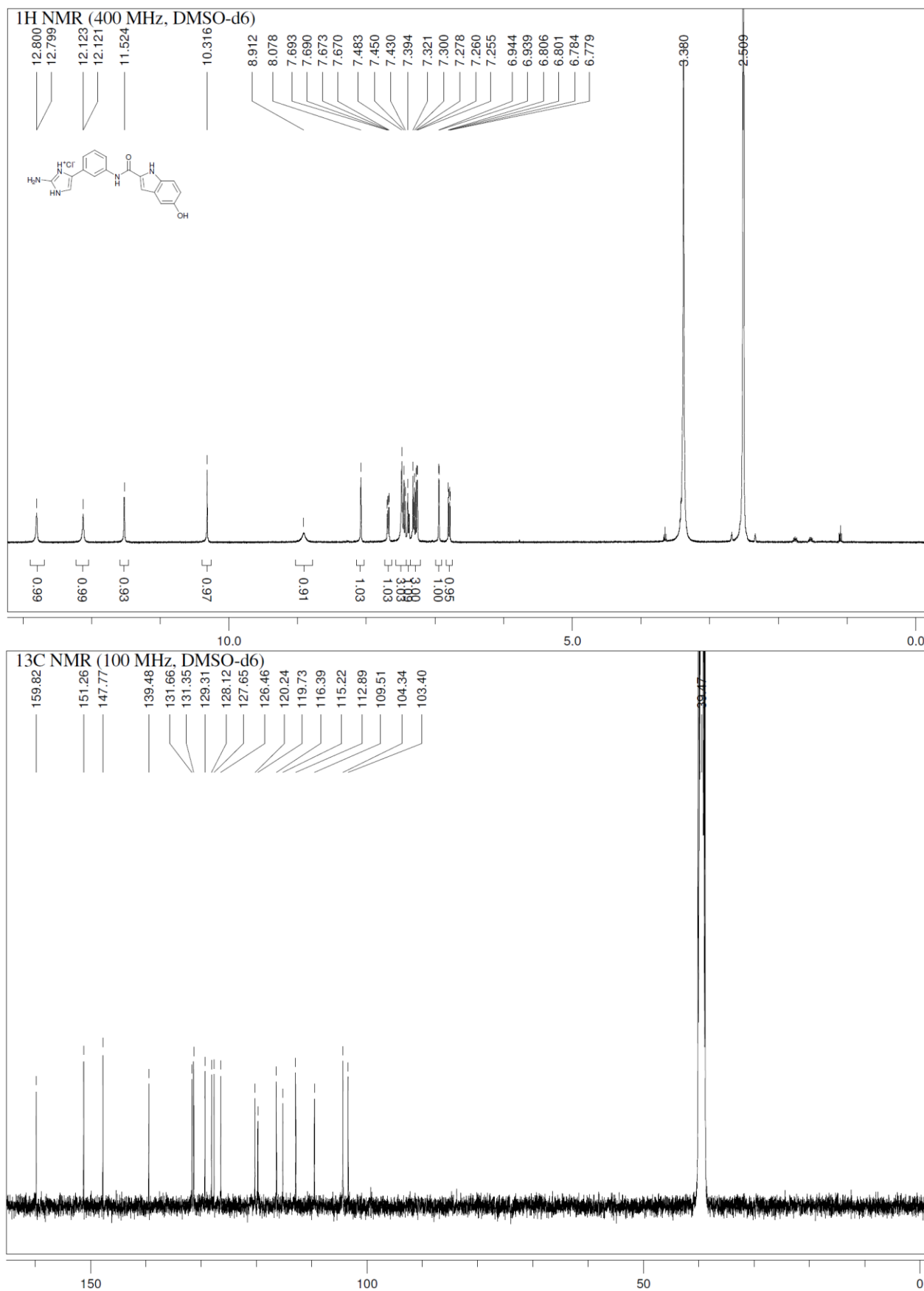


Figure S19. 1-Benzyl-4-(3-nitrophenyl)-1H-imidazol-2-amine (13).

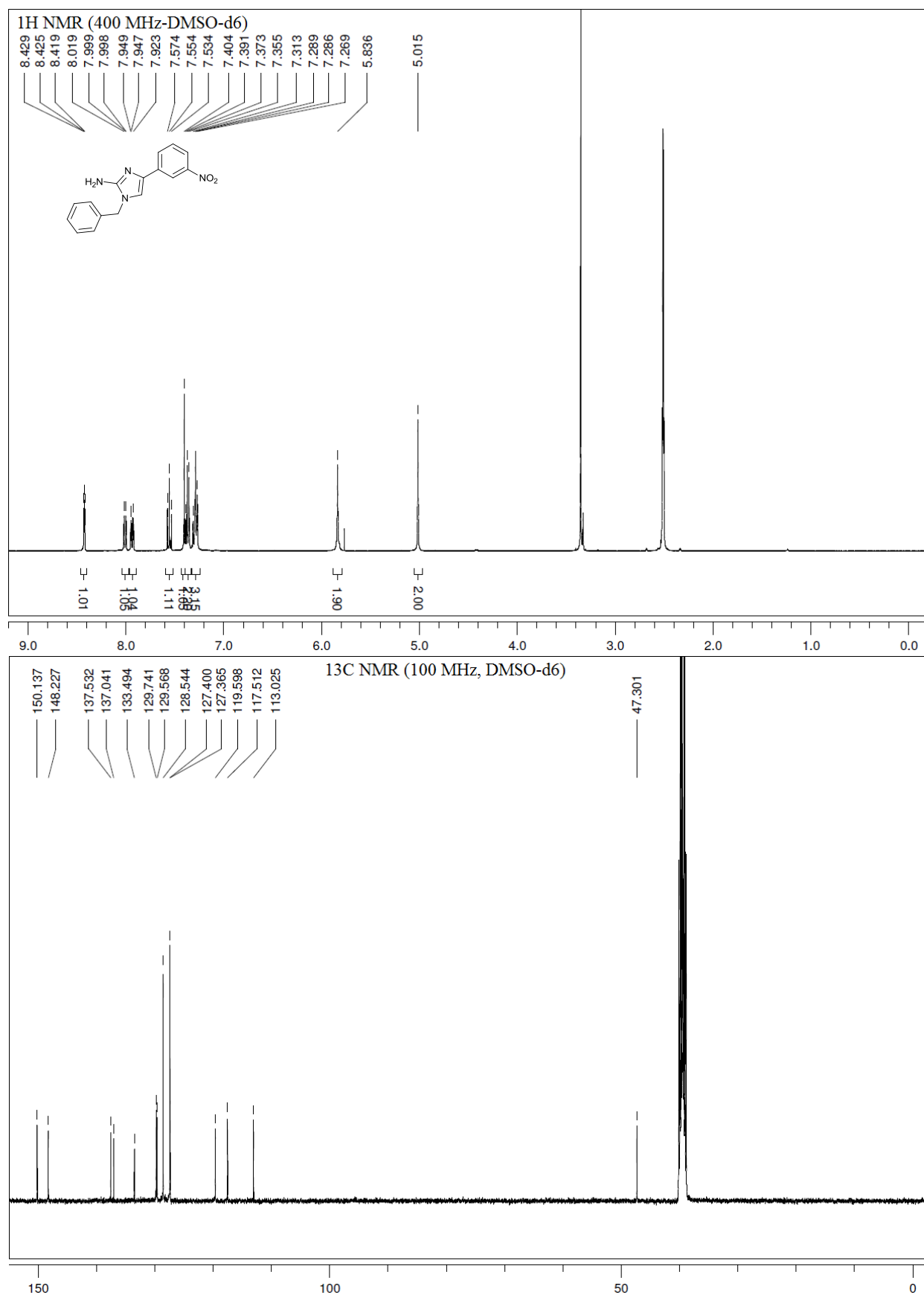


Figure S20. 4-(3-Aminophenyl)-1-benzyl-1H-imidazol-2-amine (14).

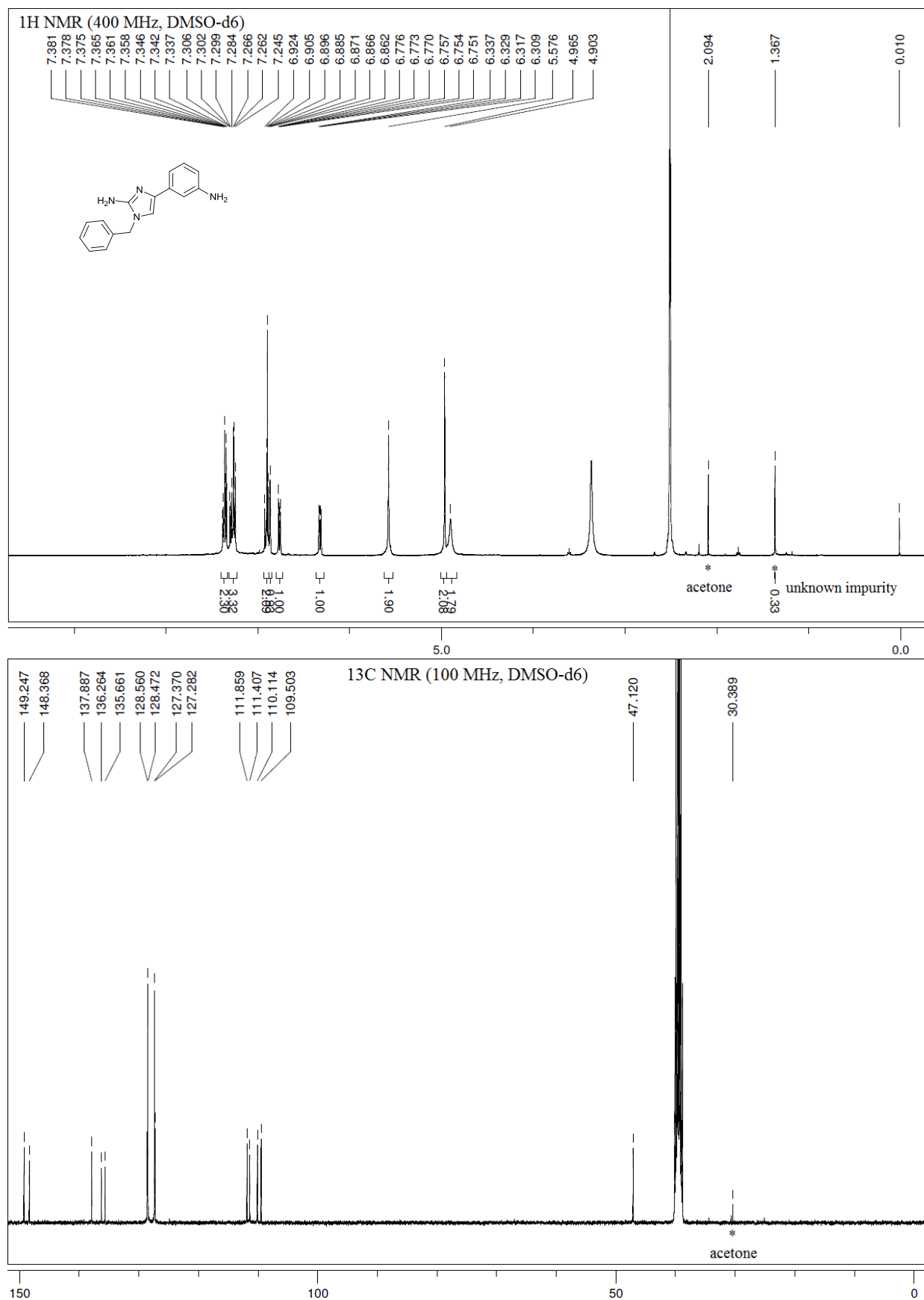


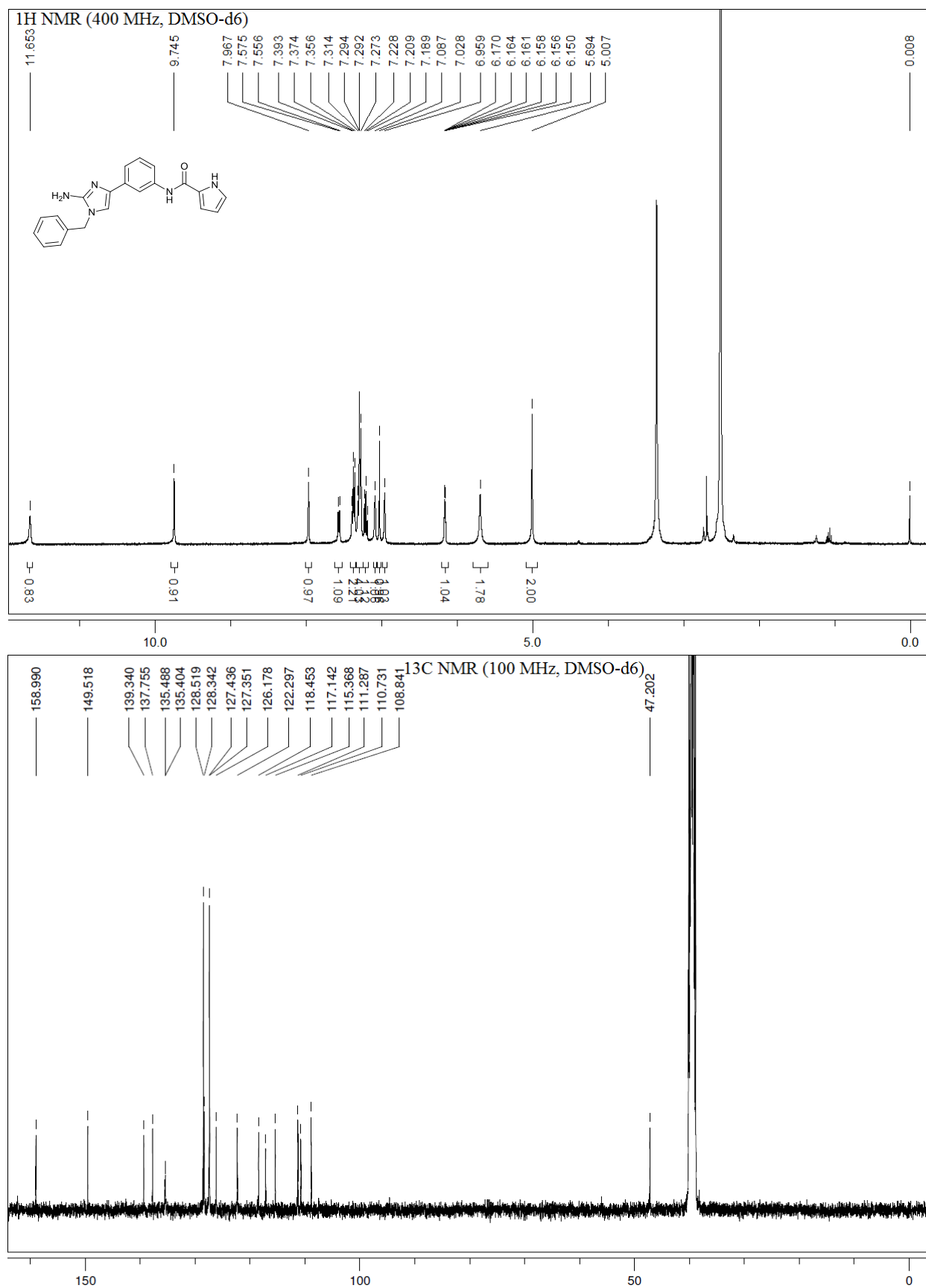
Figure S21. *N*-(3-(2-Amino-1-benzyl-1*H*-imidazol-4-yl)phenyl)-1*H*-pyrrole-2-carboxamide (**15**).

Figure S22. 4-(3-(((1*H*-Pyrrol-2-yl)methyl)amino)phenyl)-1-benzyl-1*H*-imidazol-2-amine (**16**).