

Design, Synthesis and Biological Evaluation of 2-(2-Amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-aryl-acetamides as Antiprotozoal Agents

Emanuel Hernández-Núñez^{1*}, Hugo Tlahuext², Rosa Moo-Puc³, Diego Moreno⁴, María Ortencia González-Díaz⁵, and Gabriel Navarrete Vázquez⁶

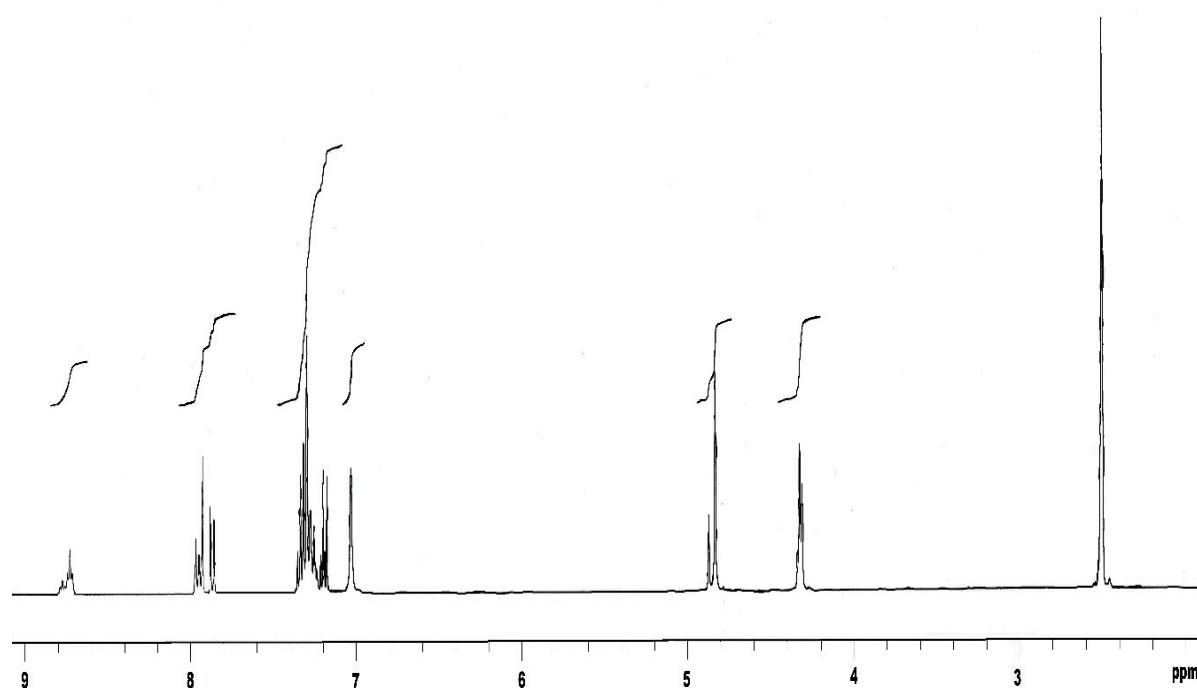


Figure S1. ¹H-NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-benzylacetamide (1).

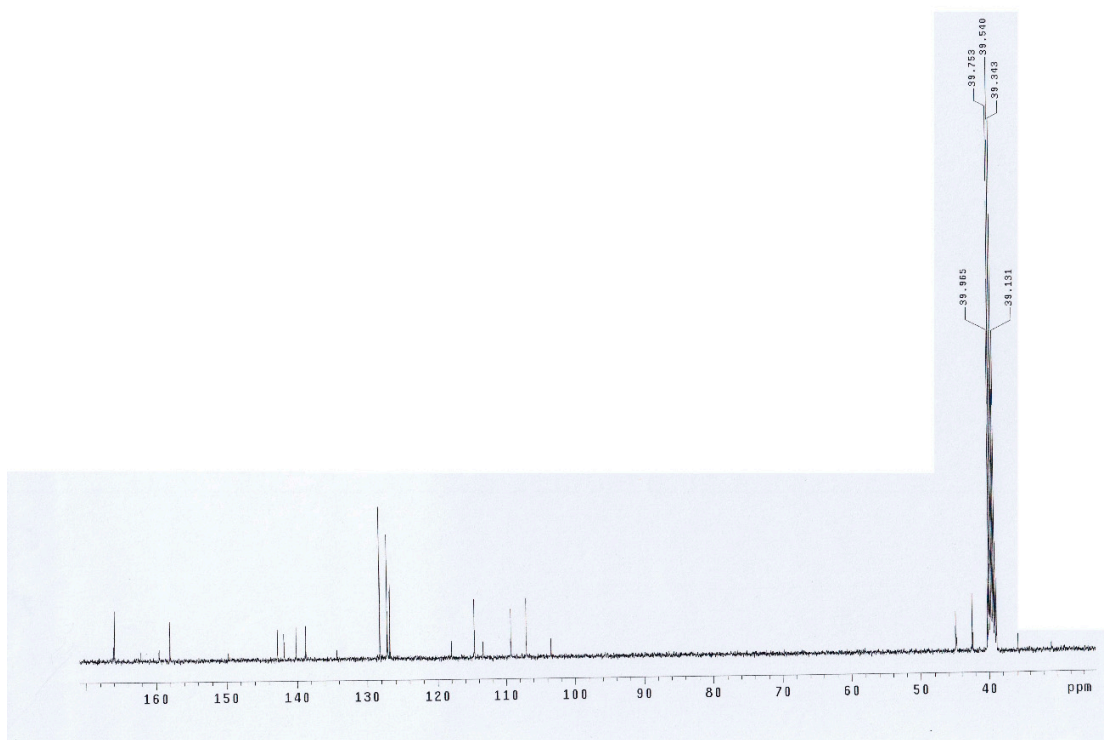


Figure S2. ¹³C-NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-benzylacetamide (1).

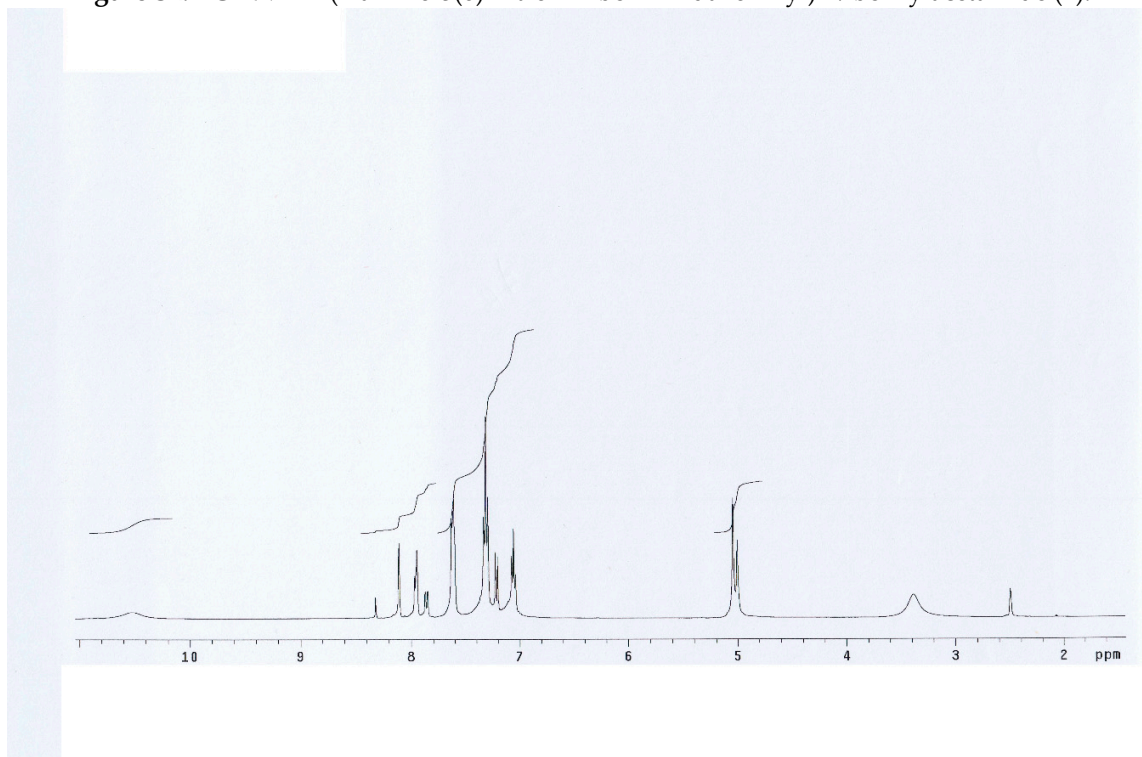


Figure S3. ¹H-NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-phenylacetamide (2).

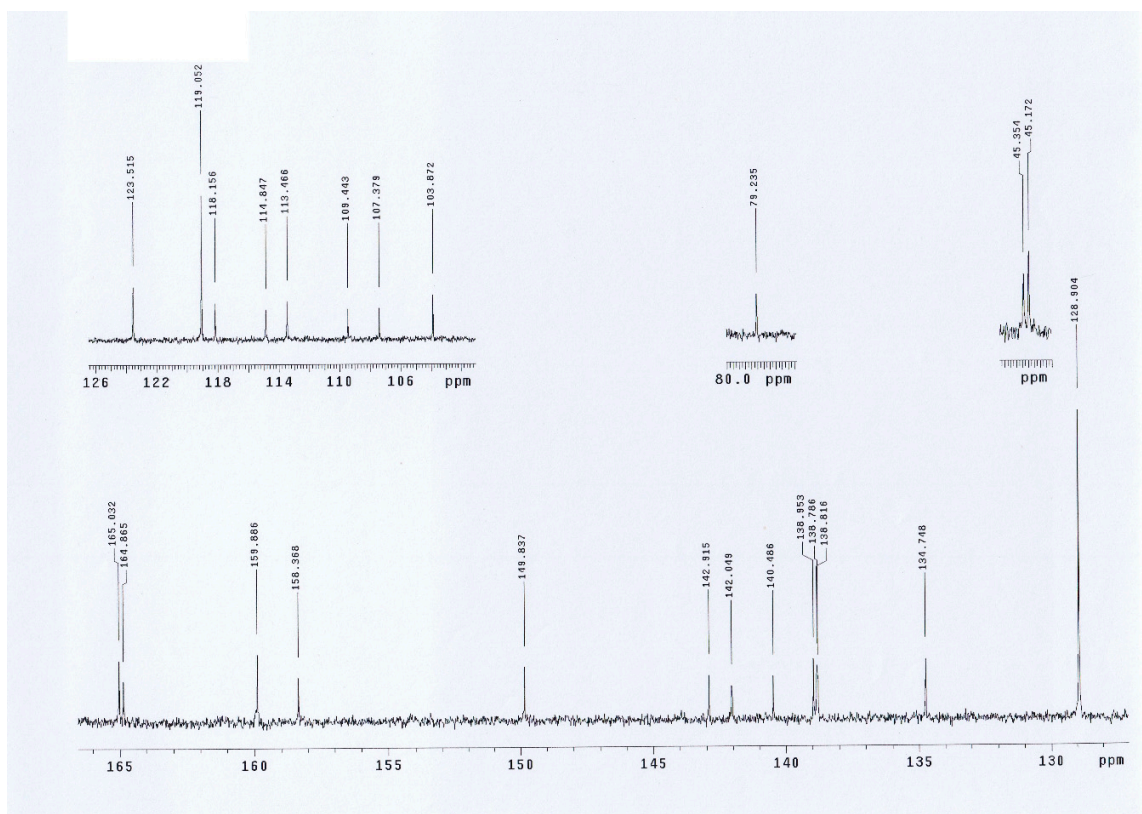


Figure S4. ^{13}C -NMR 2-(2-amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-phenylacetamide (2).

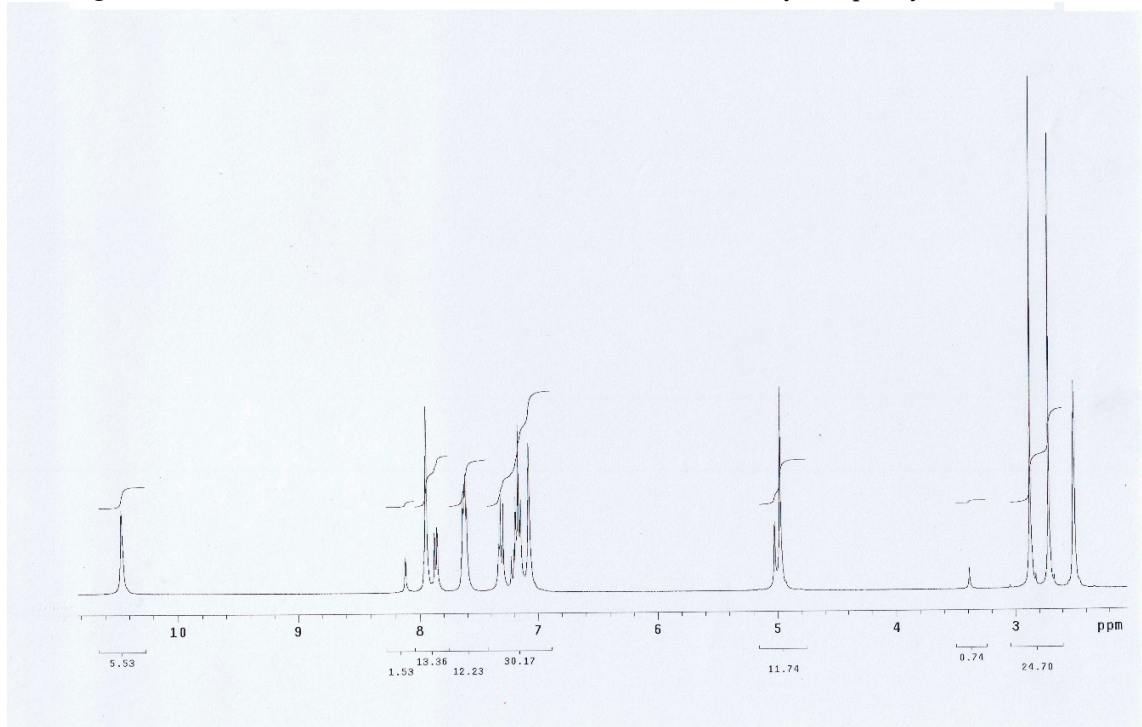


Figure S5. ^1H -NMR 2-(2-amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-(4-fluorophenyl) acetamide (3).

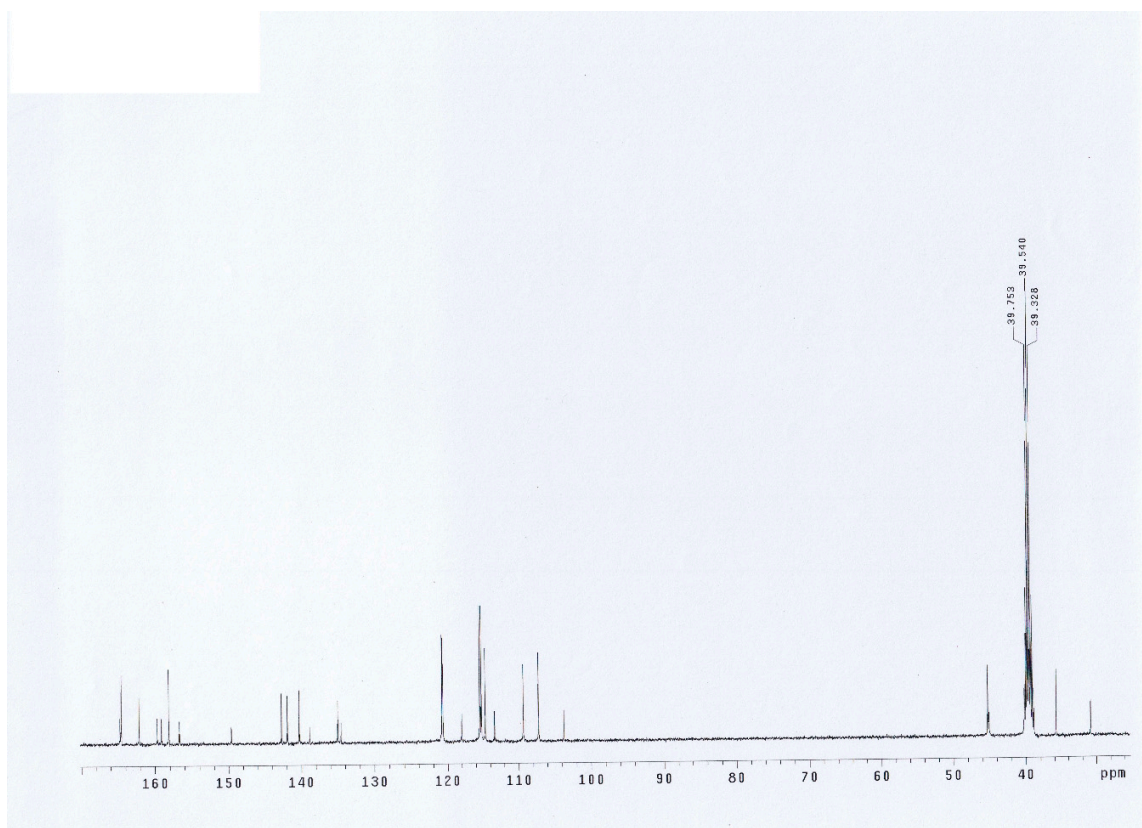


Figure S6. ^{13}C -NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-(4-fluorophenyl) acetamide (**3**).

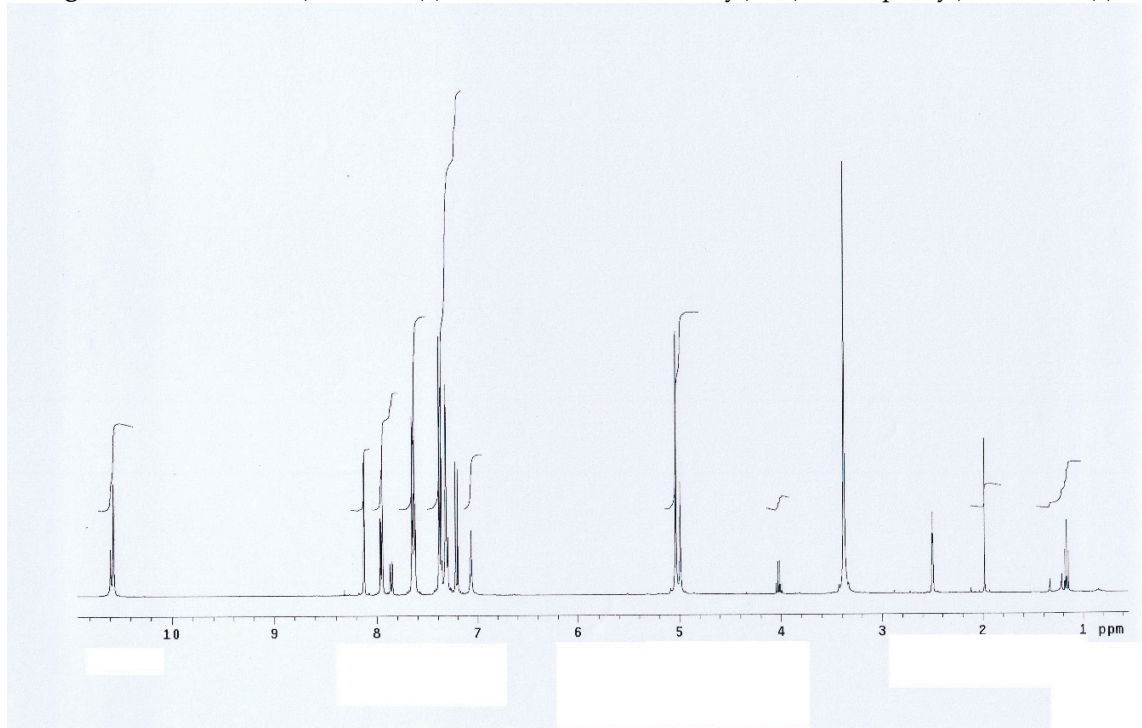


Figure S7. ^1H -NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-(4-chlorophenyl) acetamide (**4**).

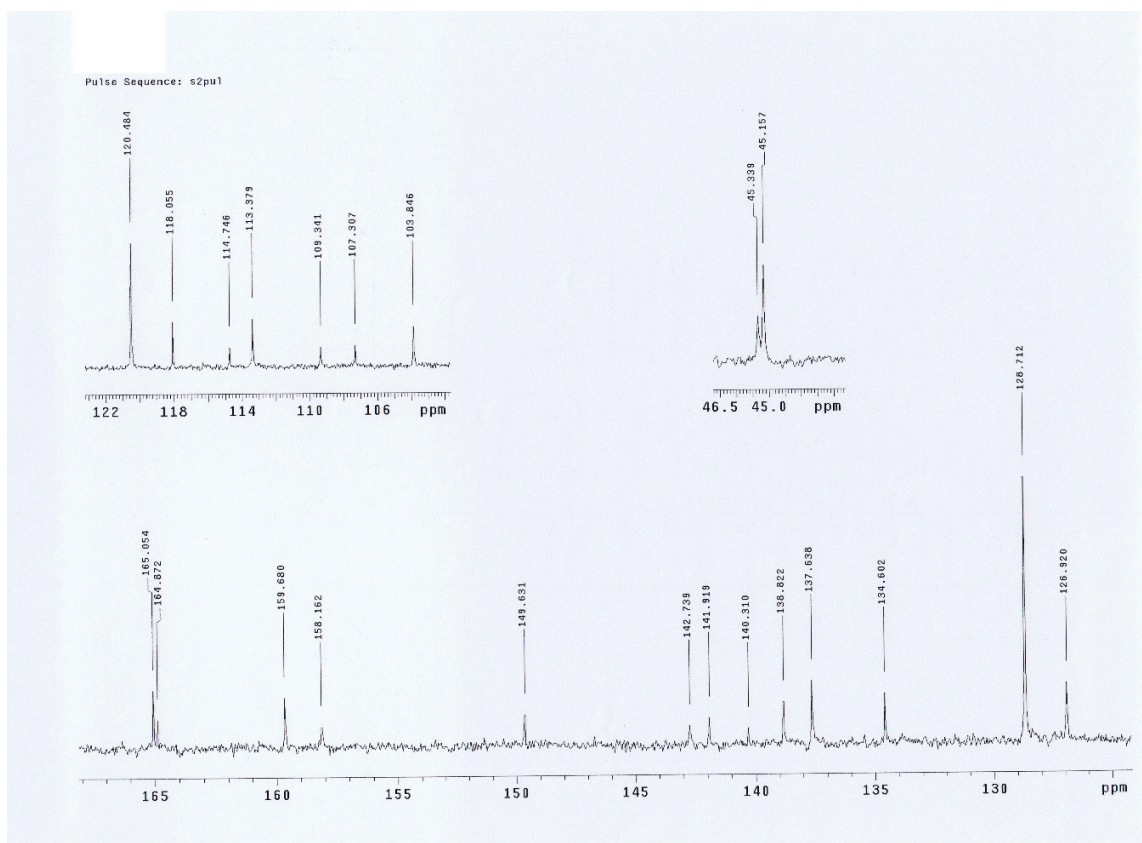


Figure S8. ^{13}C -NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-(4-chlorophenyl) acetamide (**4**).

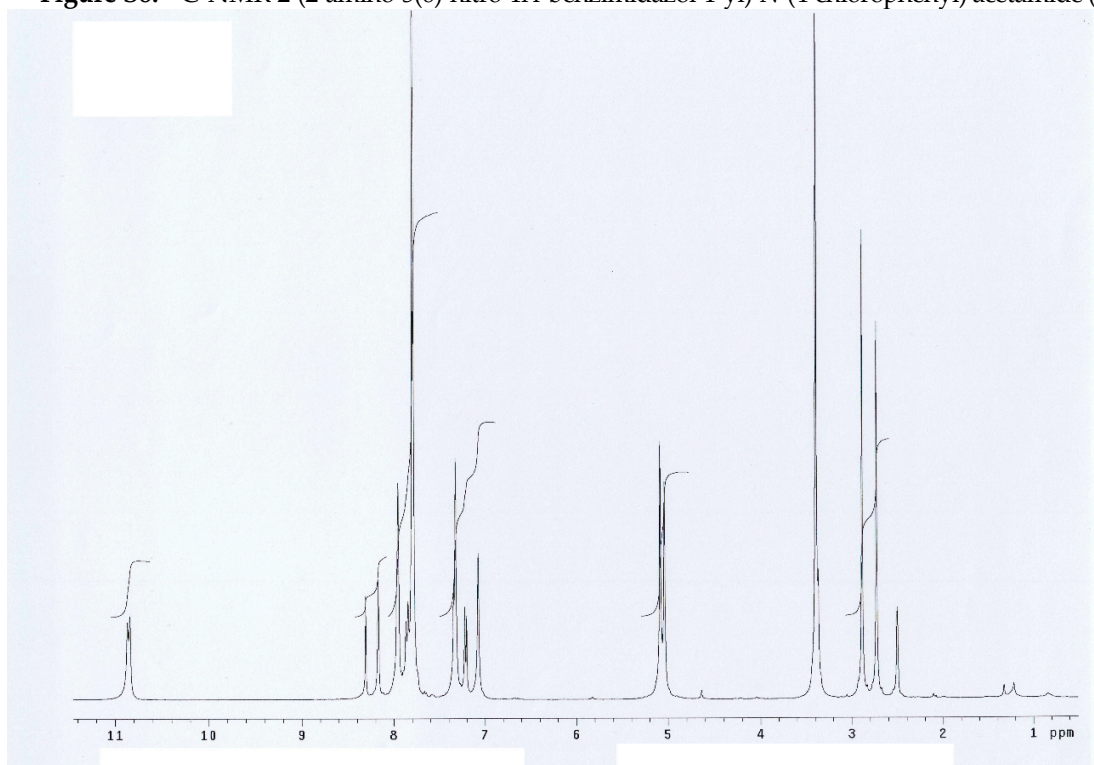


Figure S9. ^1H -NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-(4-cyanophenyl) acetamide (**5**).

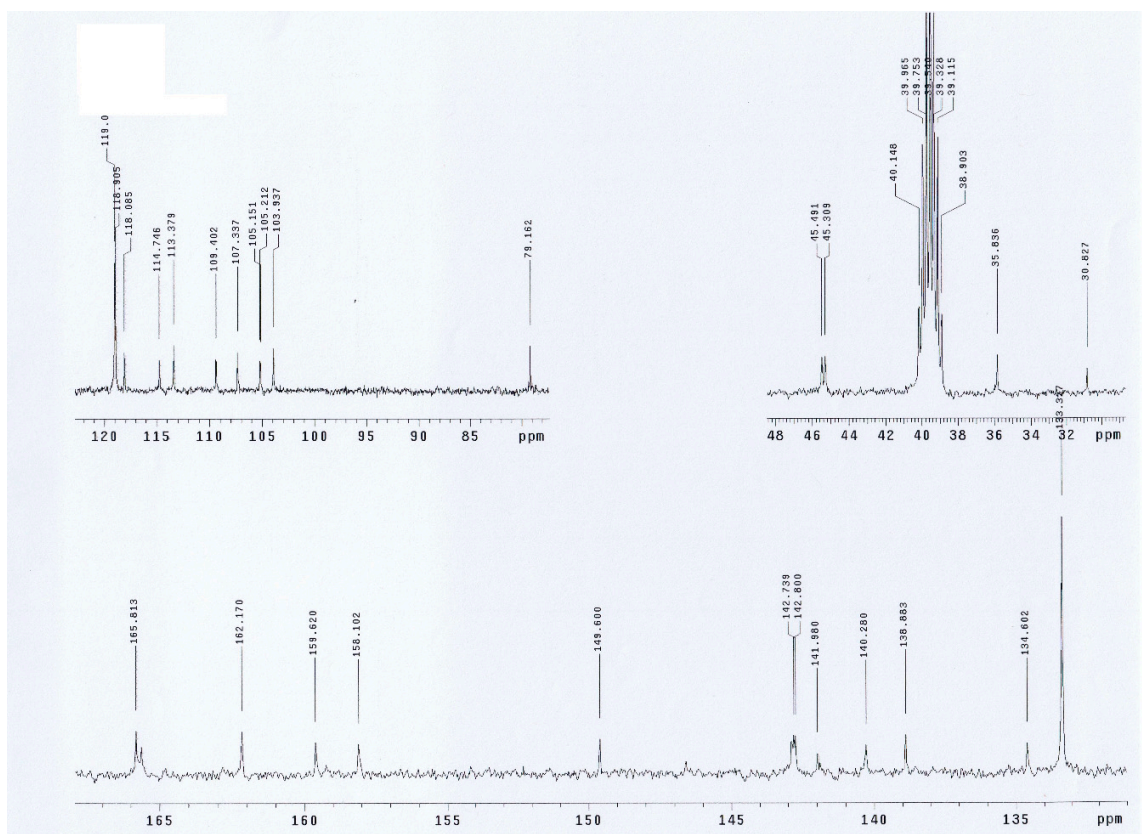


Figure S10. ^{13}C -NMR 2-(2-amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-(4-cyanophenyl) acetamide (5).

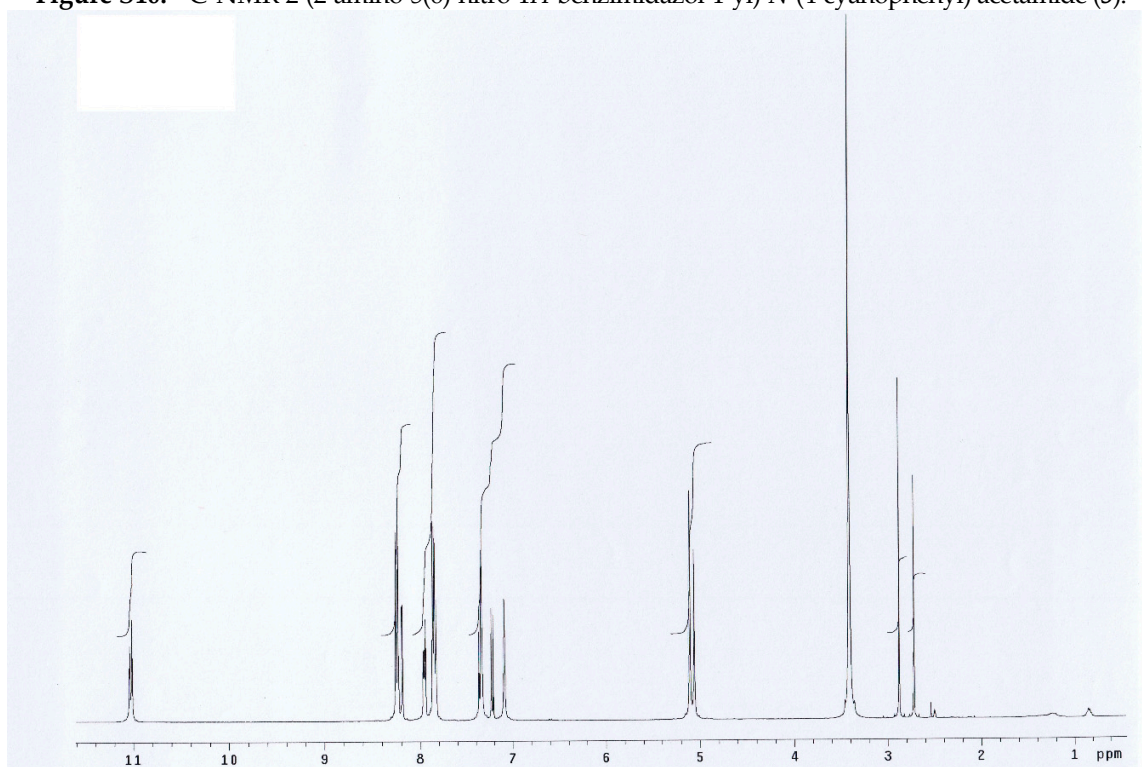


Figure S11. ^1H -NMR 2-(2-amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-(4-nitrophenyl) acetamide (6).

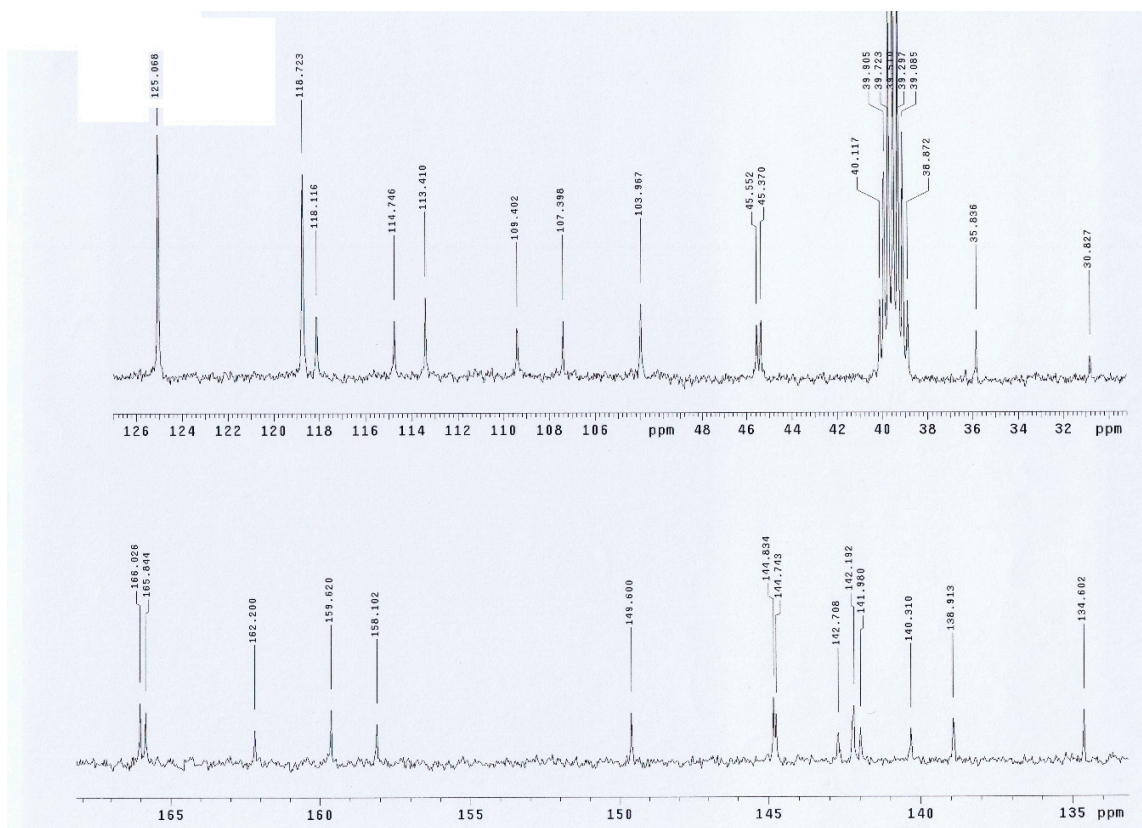


Figure S12. ^{13}C -NMR 2-(2-amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-(4-nitrophenyl) acetamide (6).

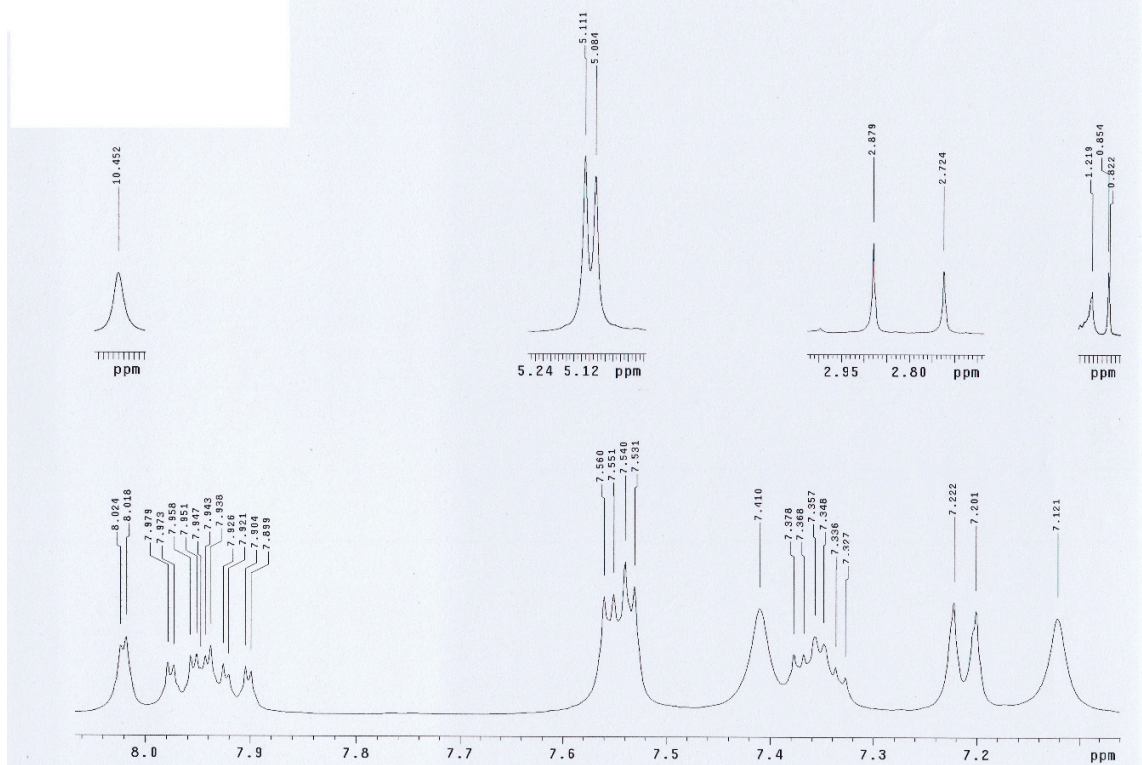


Figure S13. ^1H -NMR 2-(2-amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-(2,6-dichlorophenyl) acetamide (7).

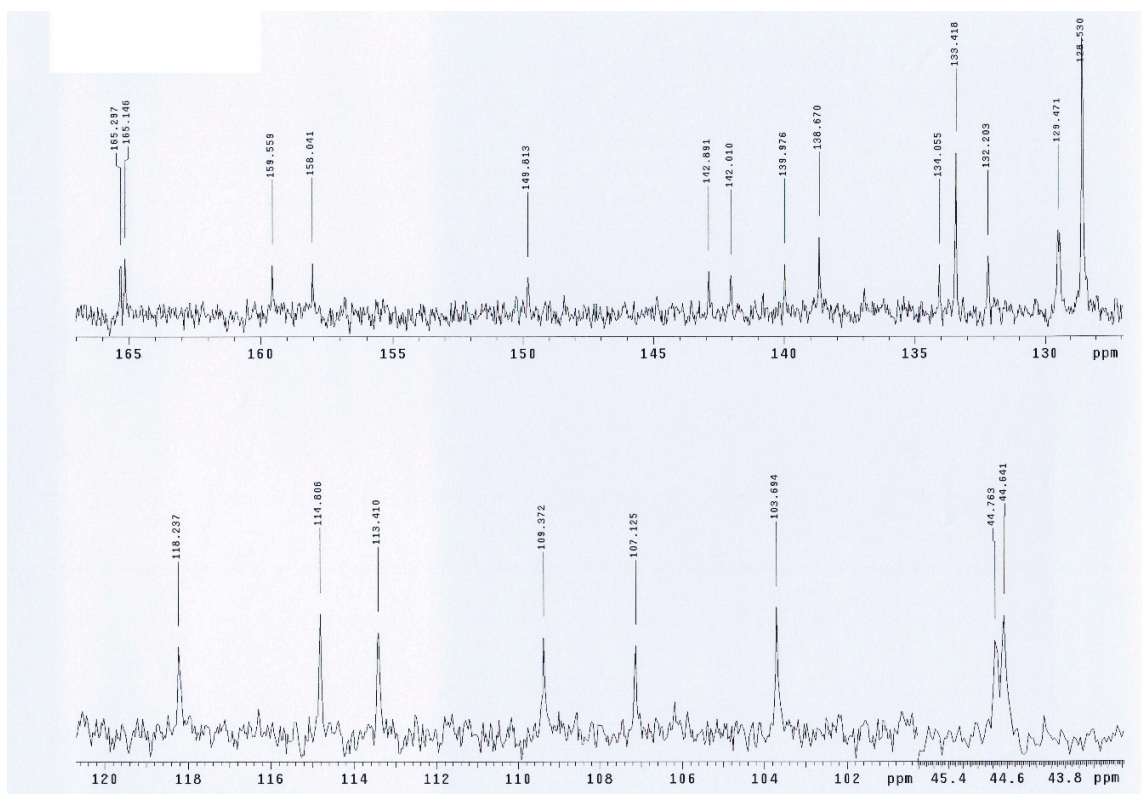


Figure S14. ^{13}C -NMR 2-(2-amino-5(6)-nitro-1*H*-benzimidazol-1-yl)-*N*-(2,6-dichlorophenyl) acetamide (7).

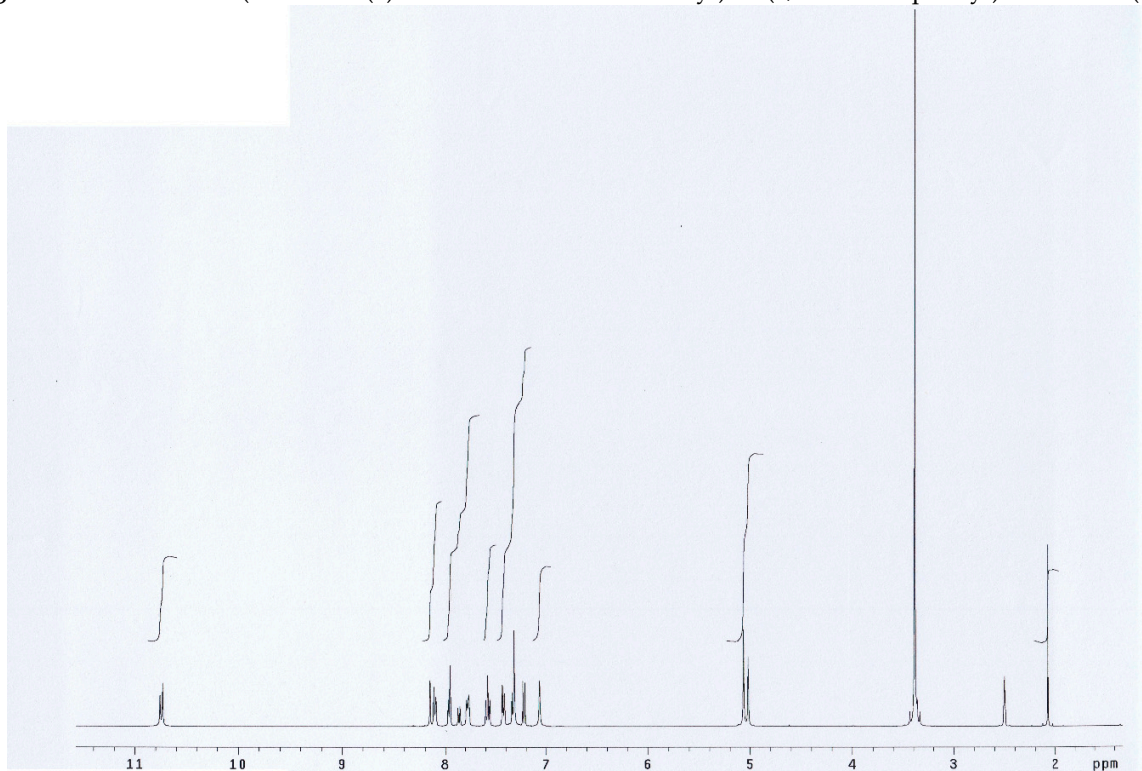


Figure S15. ^1H -NMR 2-(2-amino-5(6)-nitro-2,3-dihydro-1*H*-benzimidazol-1-yl)-*N*-[3-(trifluoromethyl)phenyl]acetamide (8).

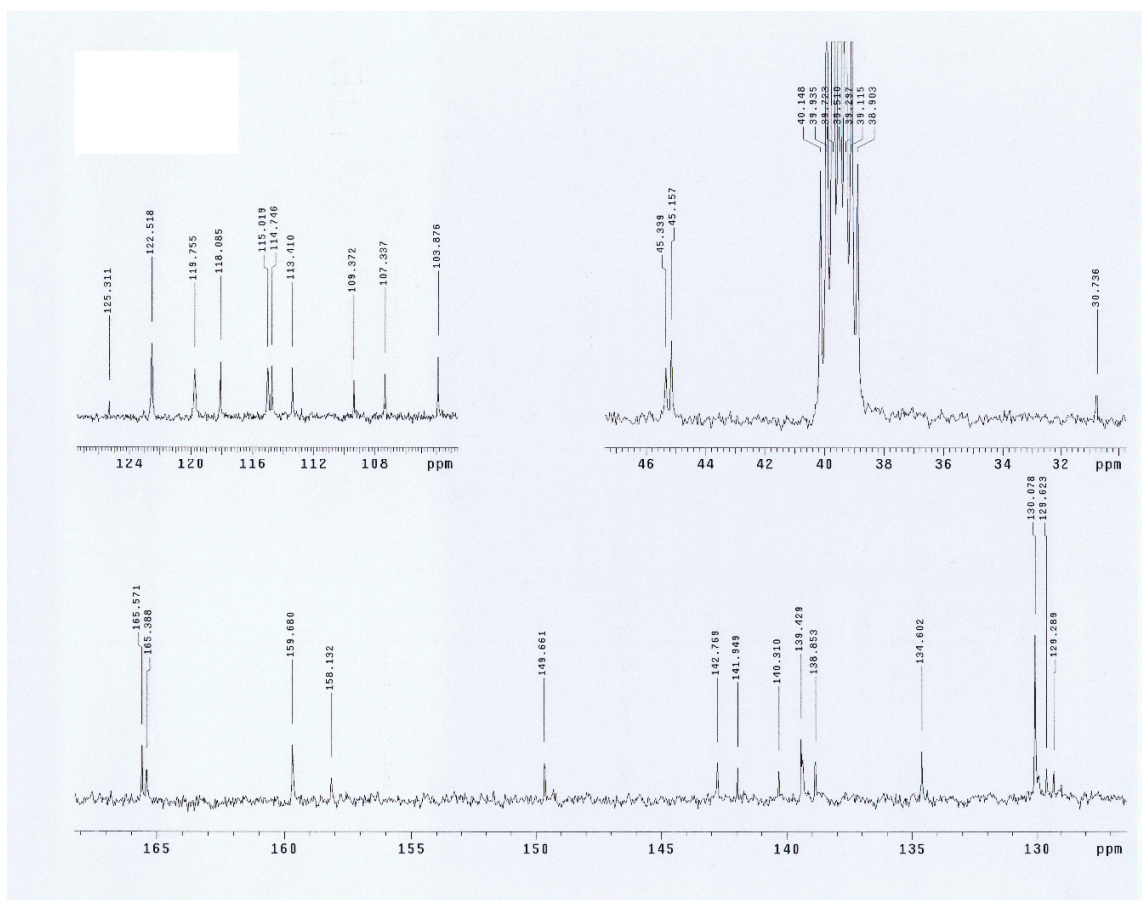


Figure S16. ¹³C-NMR 2-(2-amino-5(6)-nitro-2,3-dihydro-1*H*-benzimidazol-1-yl)-*N*-[3-(trifluoromethyl)phenyl]acetamide (8).