

(Electronic Supplementary Material)

Synthesis, Biological Evaluation and *In silico* Studies of 1, 2, 3-triazolyl- Metronidazole

Derivatives Against Leishmania Major

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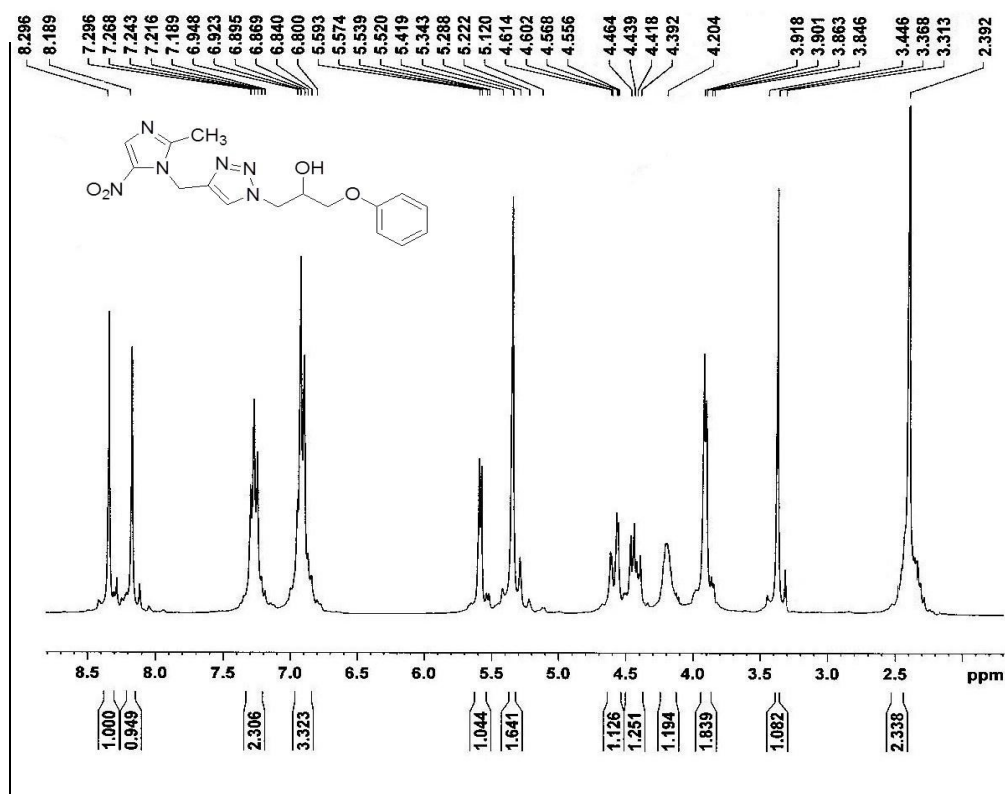
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Elham Zarenezhad, PhD

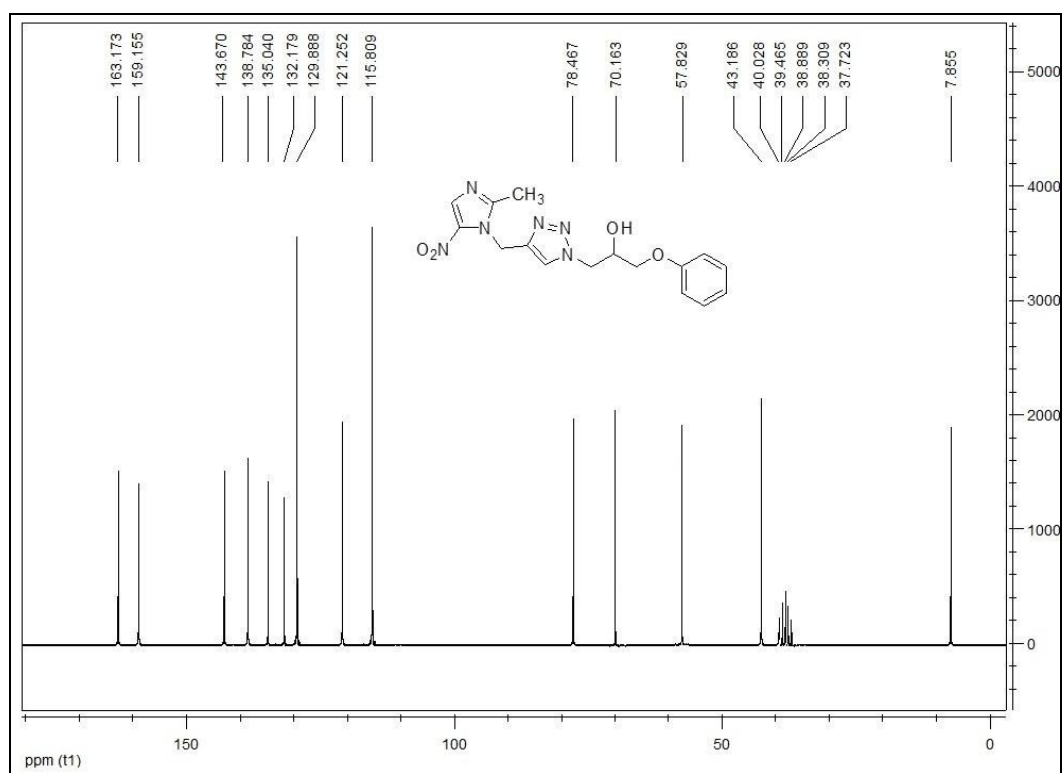
Noncommunicable Diseases Research Center, Fasa University of Medical Sciences, Fasa, Iran

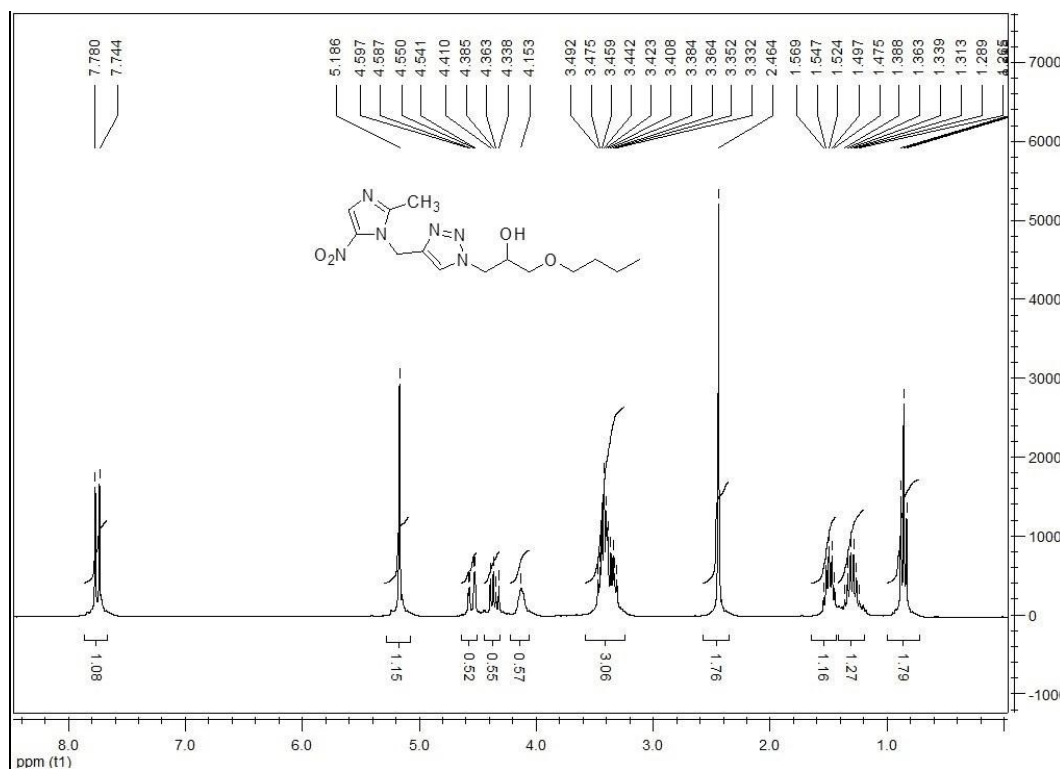
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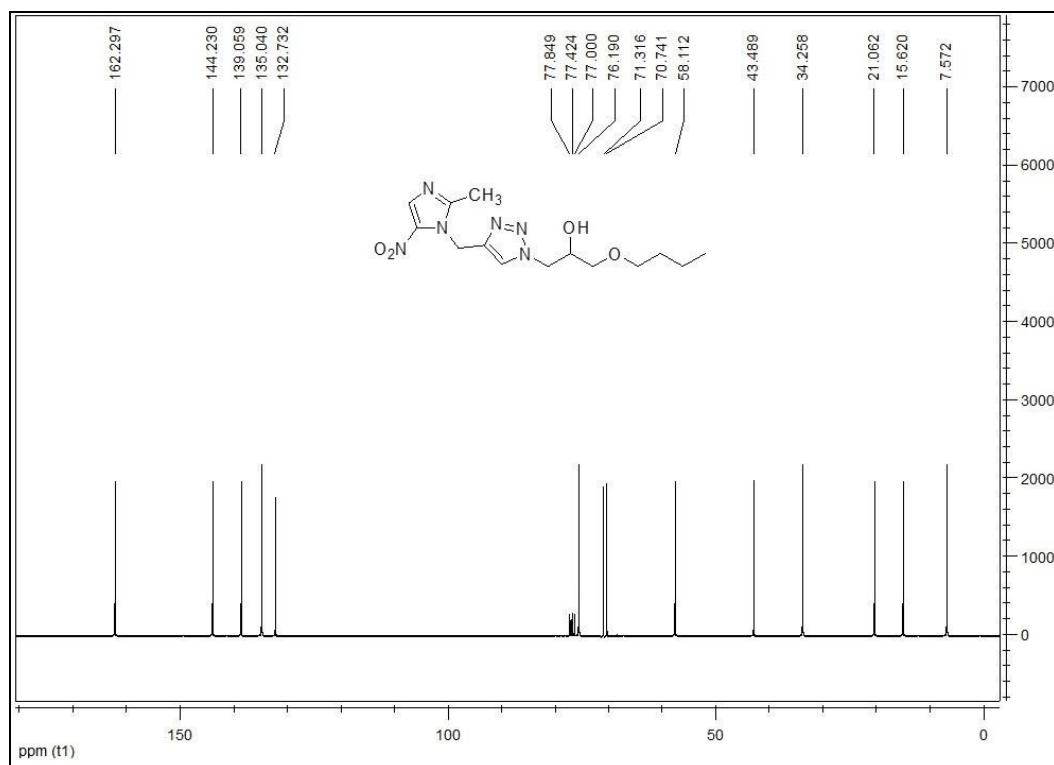


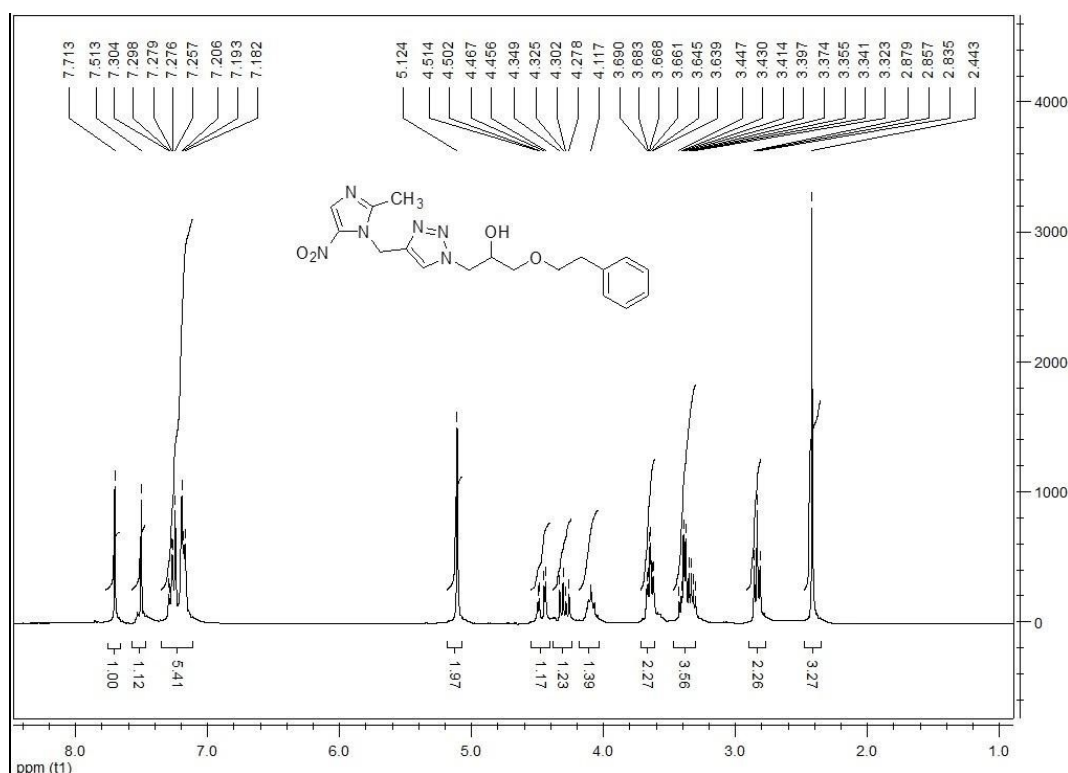
16a: 1-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)-3-phenoxypropan-2-ol



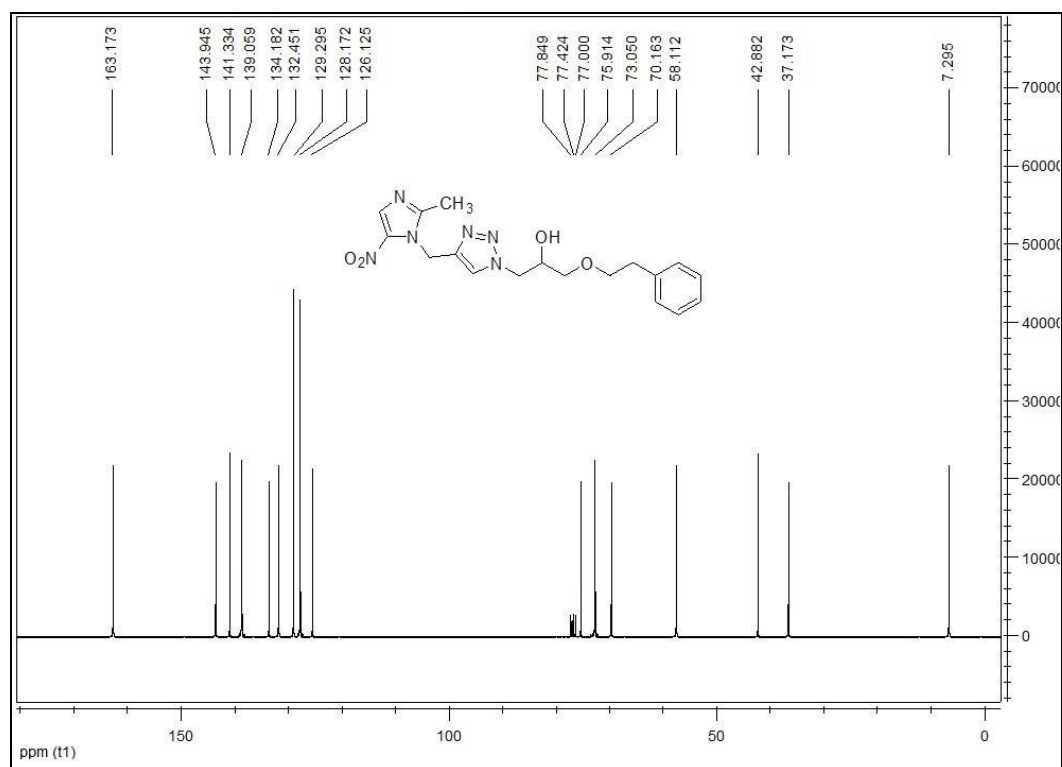


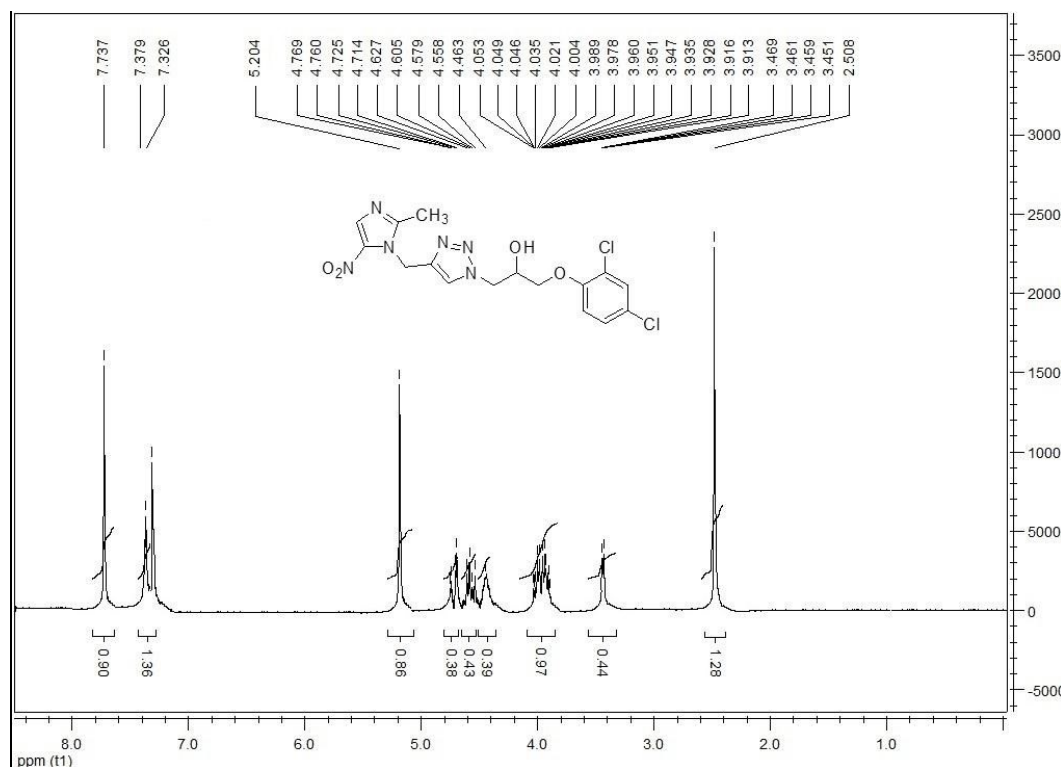
16b: 1-butoxy-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol



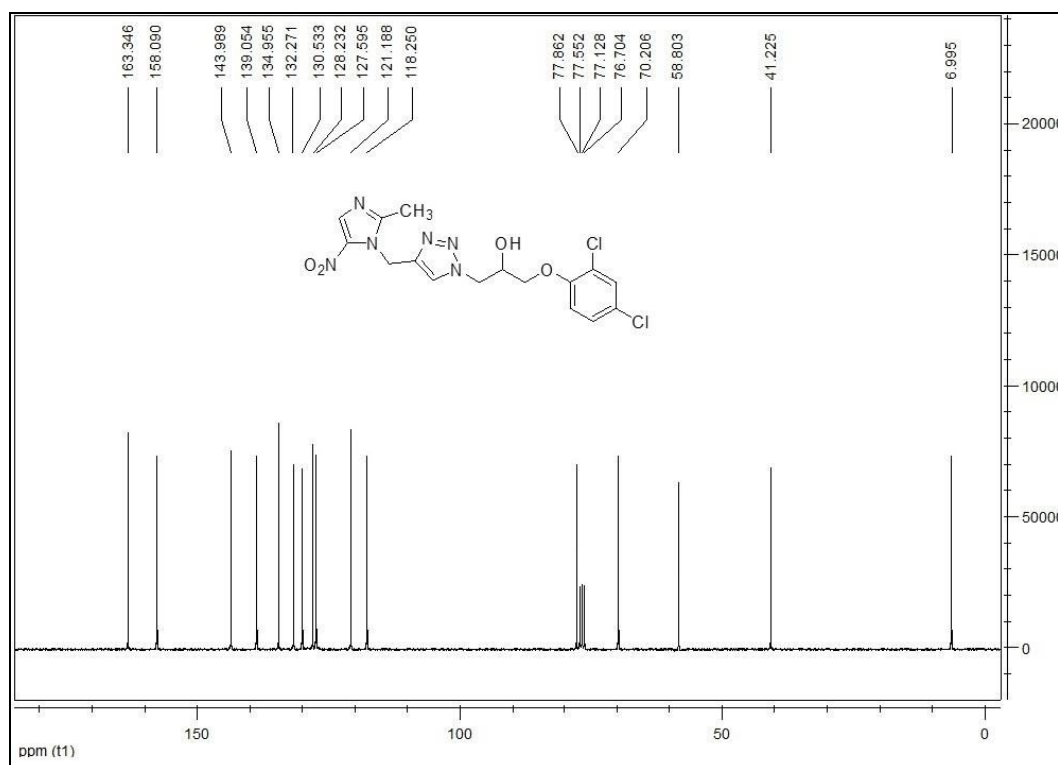


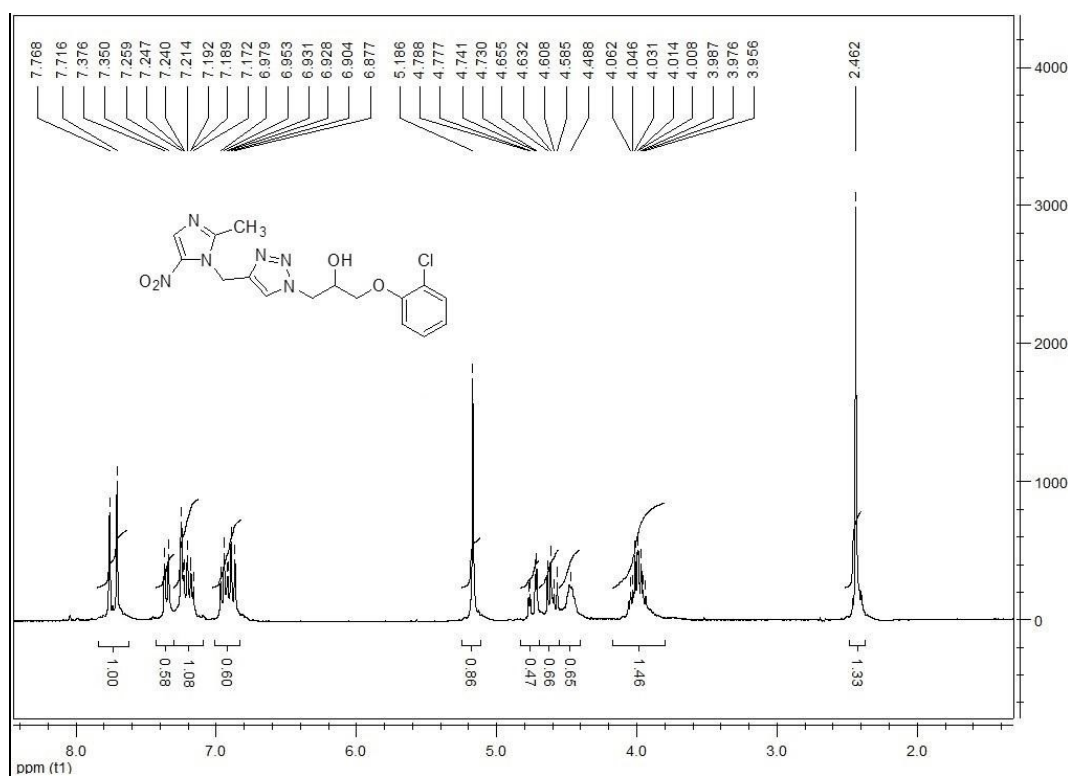
16c: 1-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)-3-phenethoxypropan-2-ol



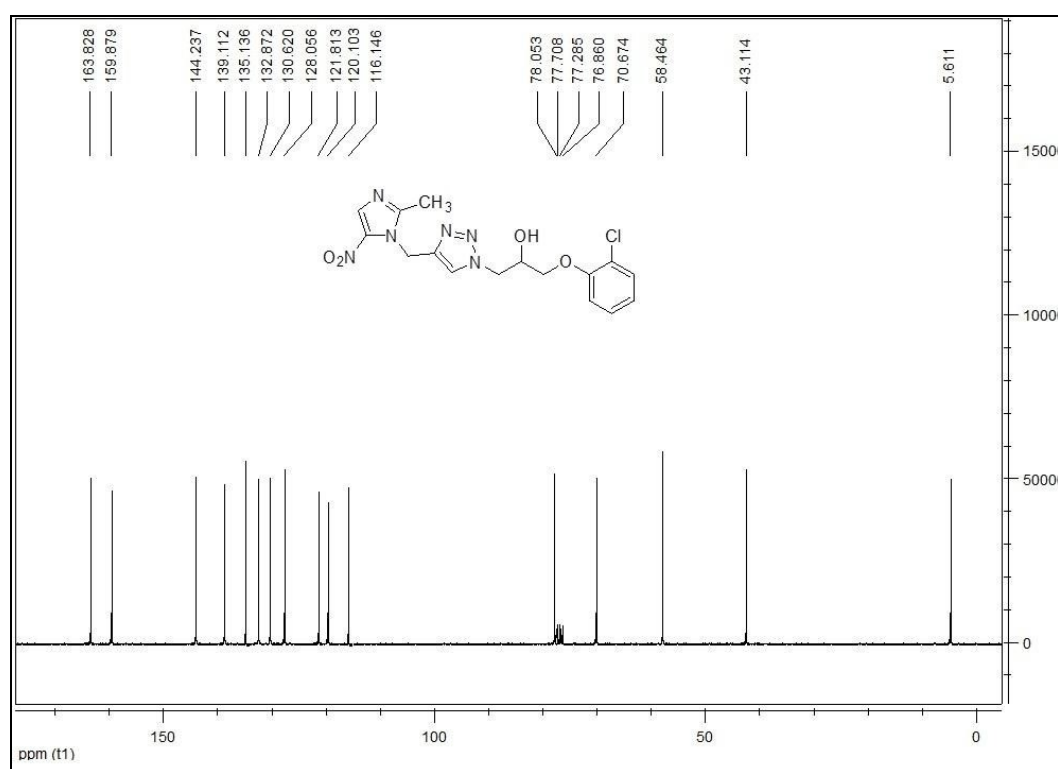


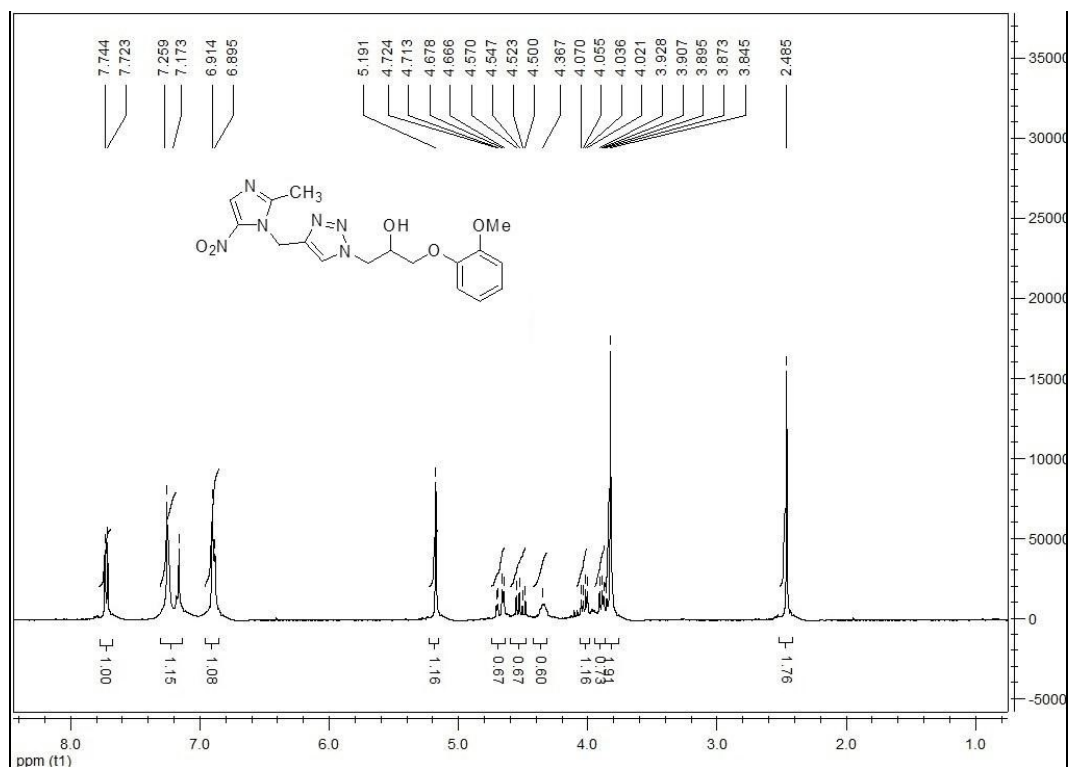
16d: 1-(2,4-dichlorophenoxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol



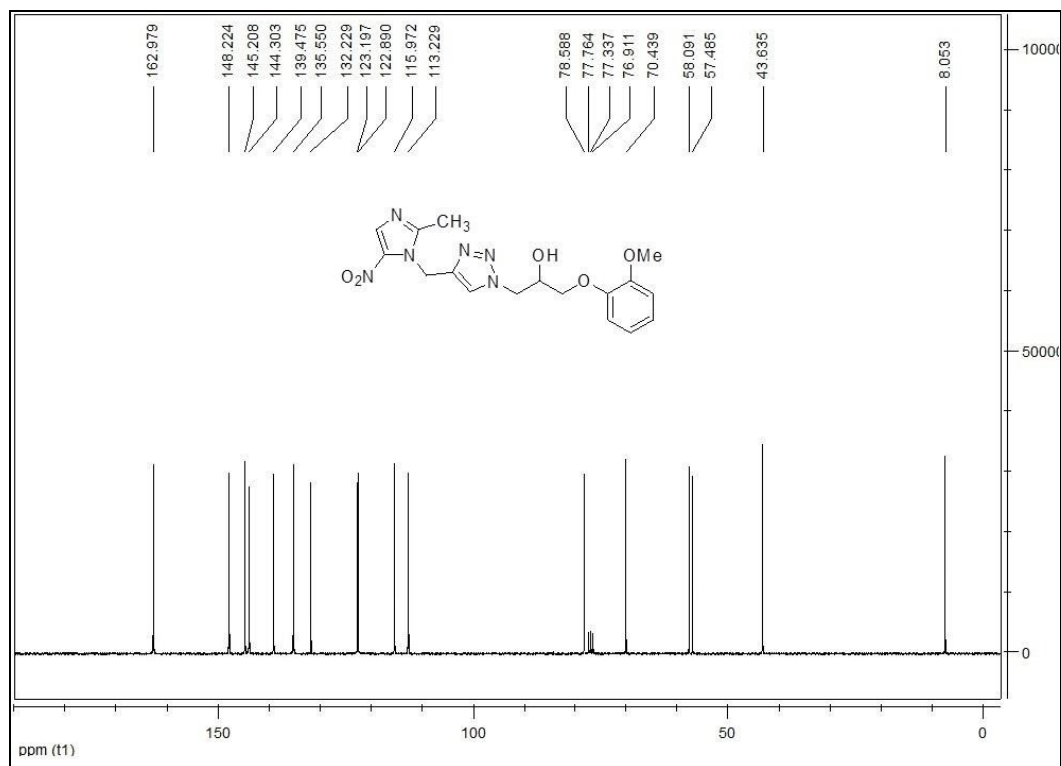


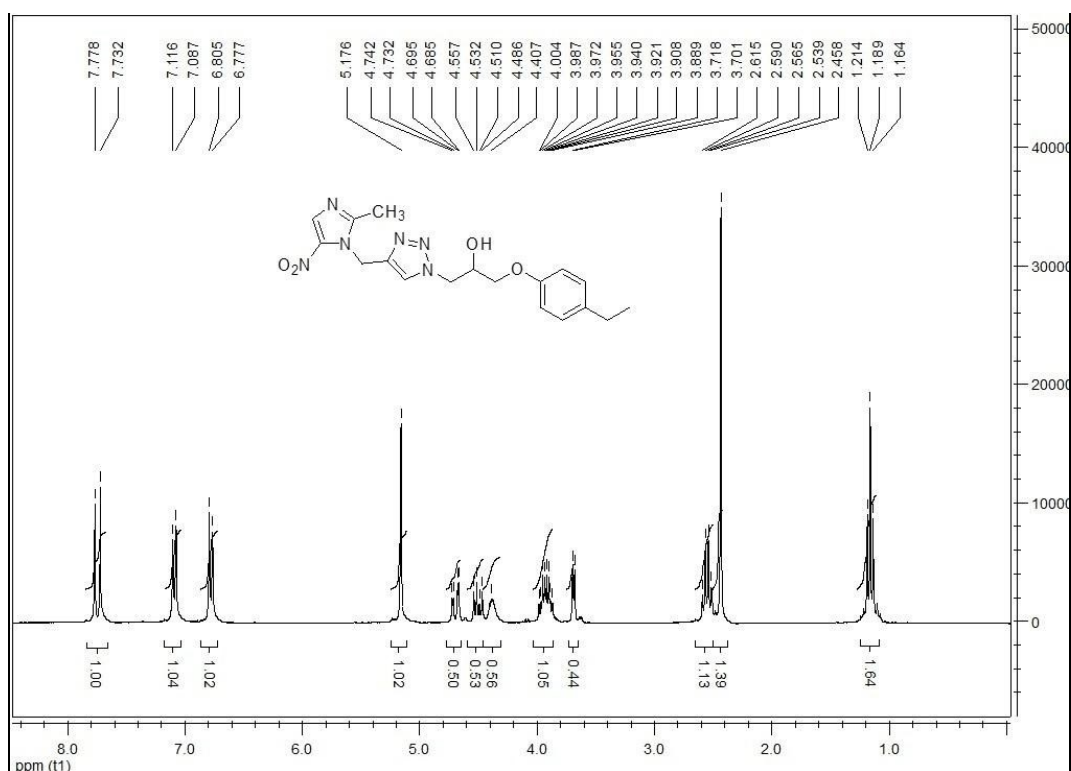
16e: 1-(2-chlorophenoxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol



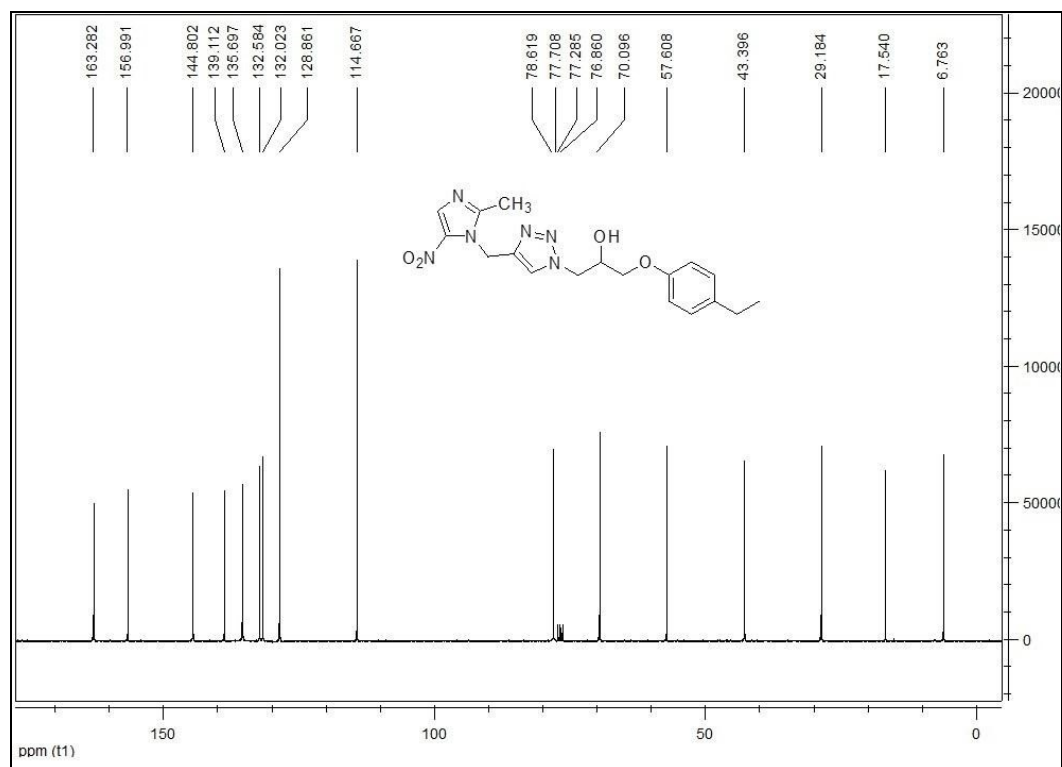


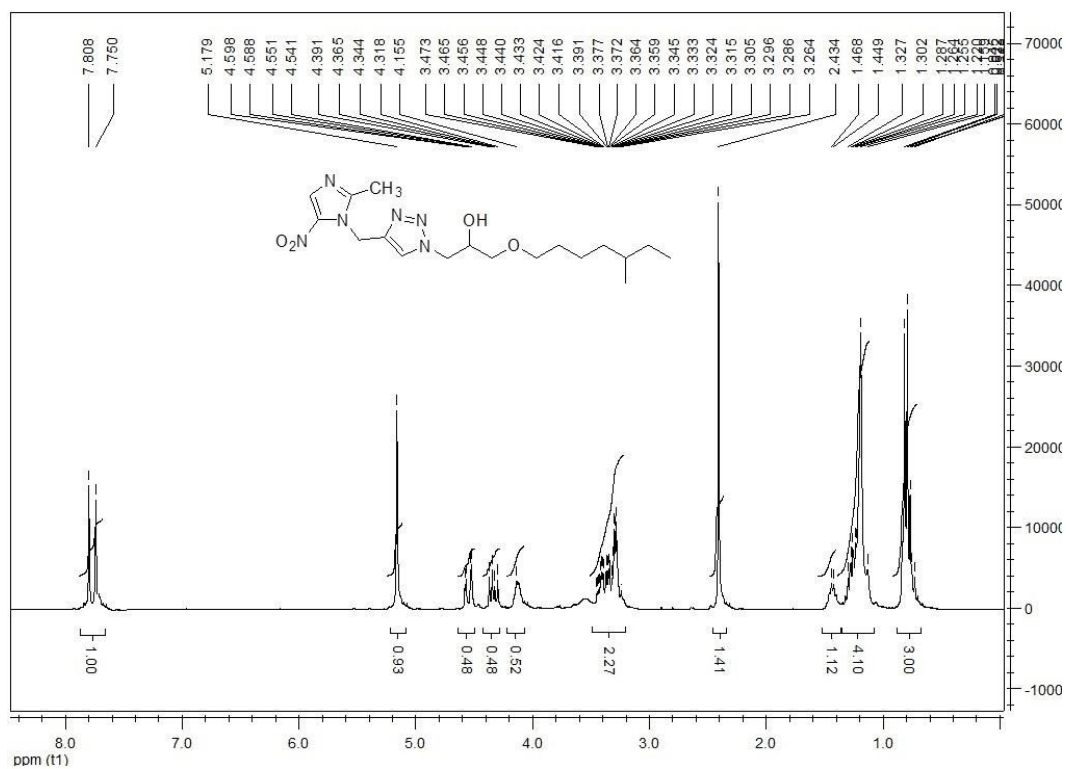
16f: 1-(2-methoxyphenoxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol



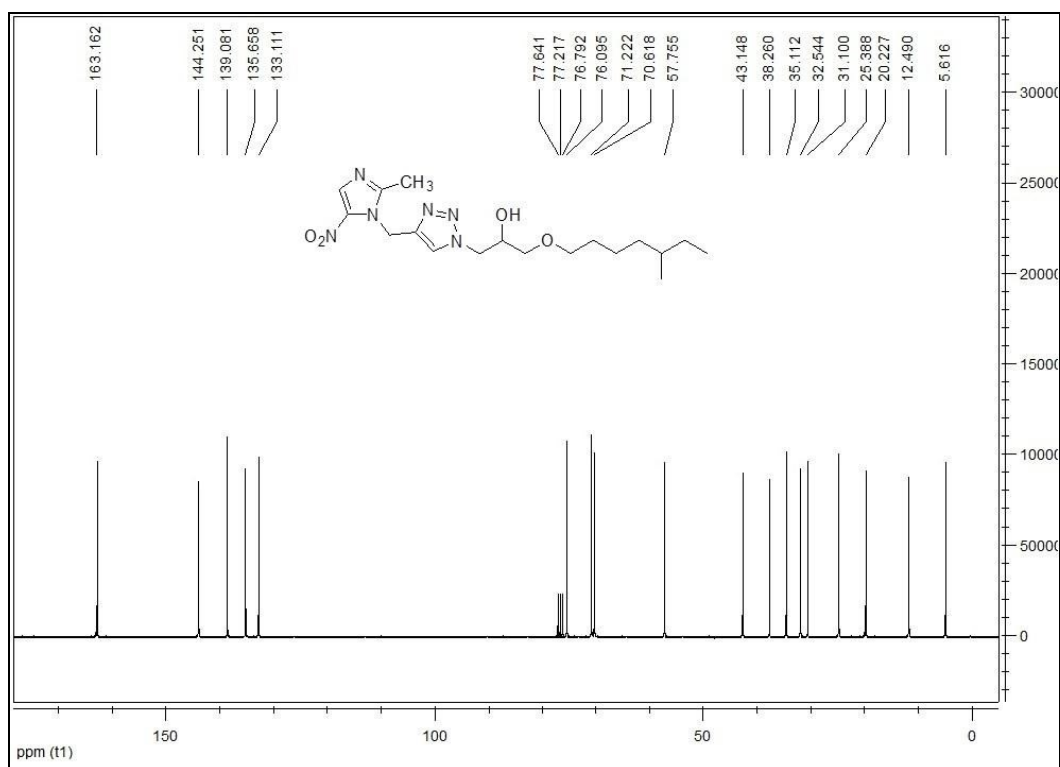


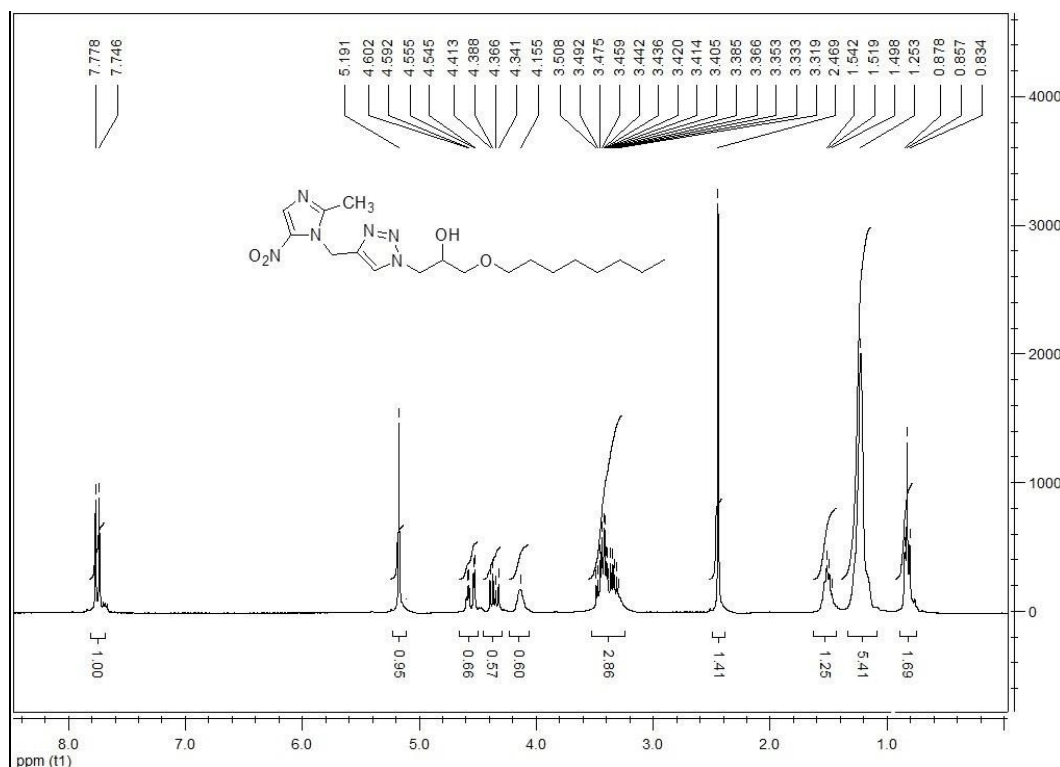
16g: 1-(4-ethylphenoxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol



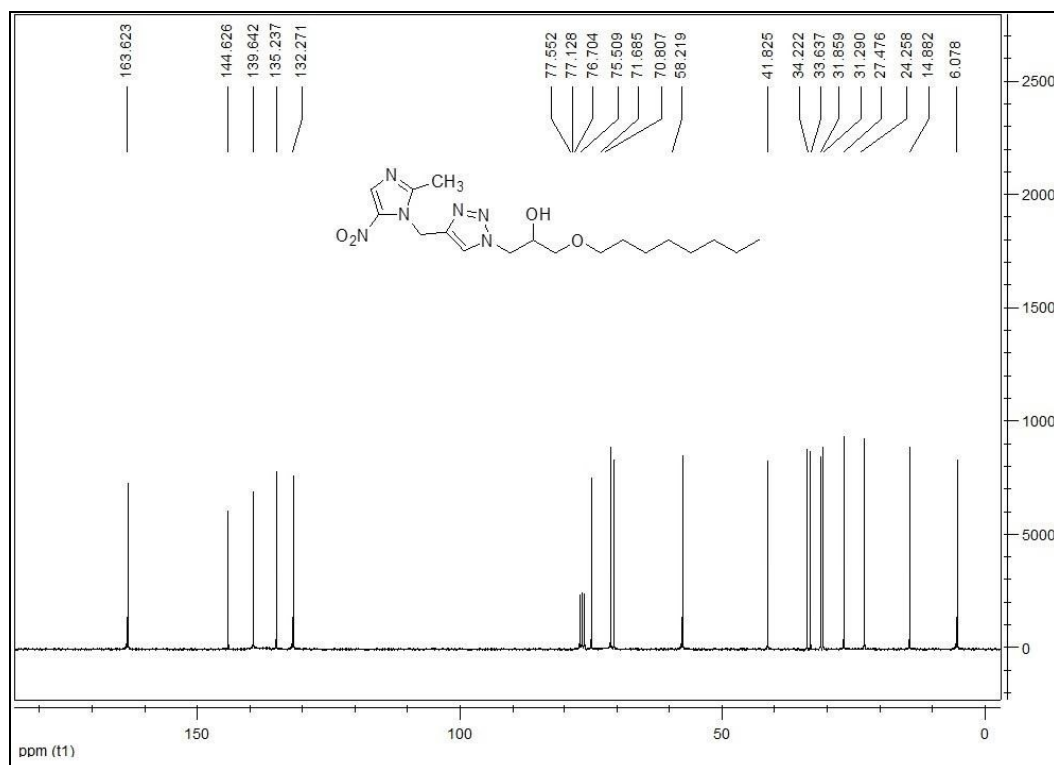


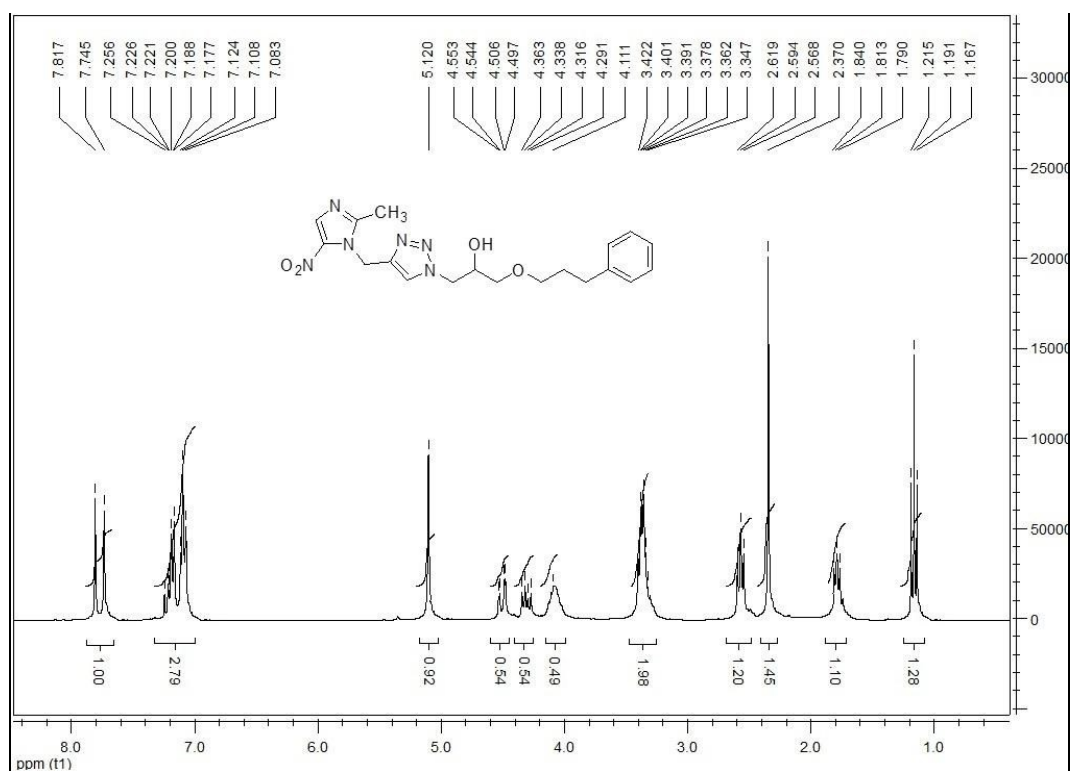
16h: *1-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)-3-((5-methylheptyl)oxy)propan-2-ol*



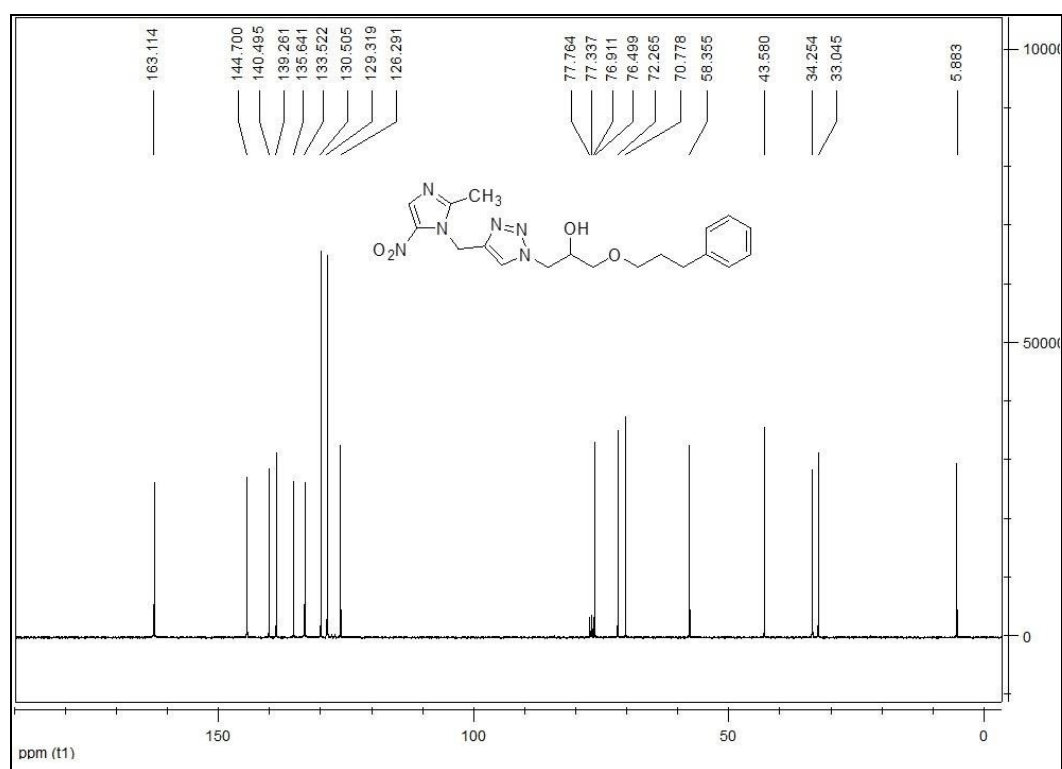


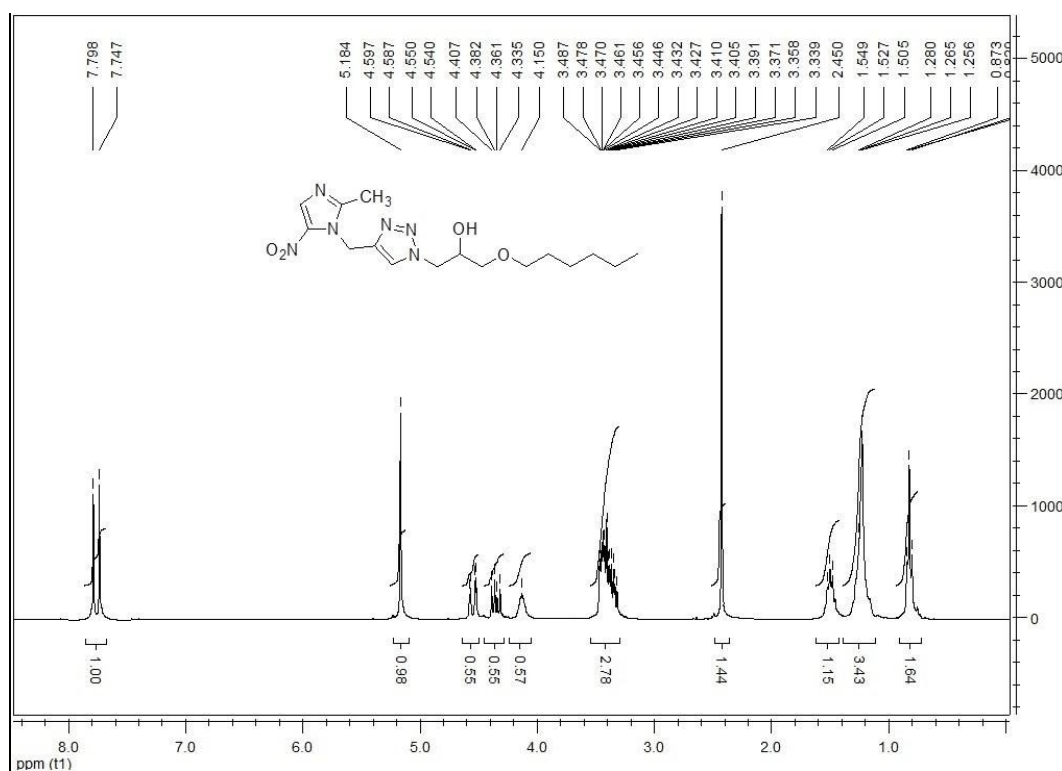
16i: 1-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)-3-(octyloxy)propan-2-ol



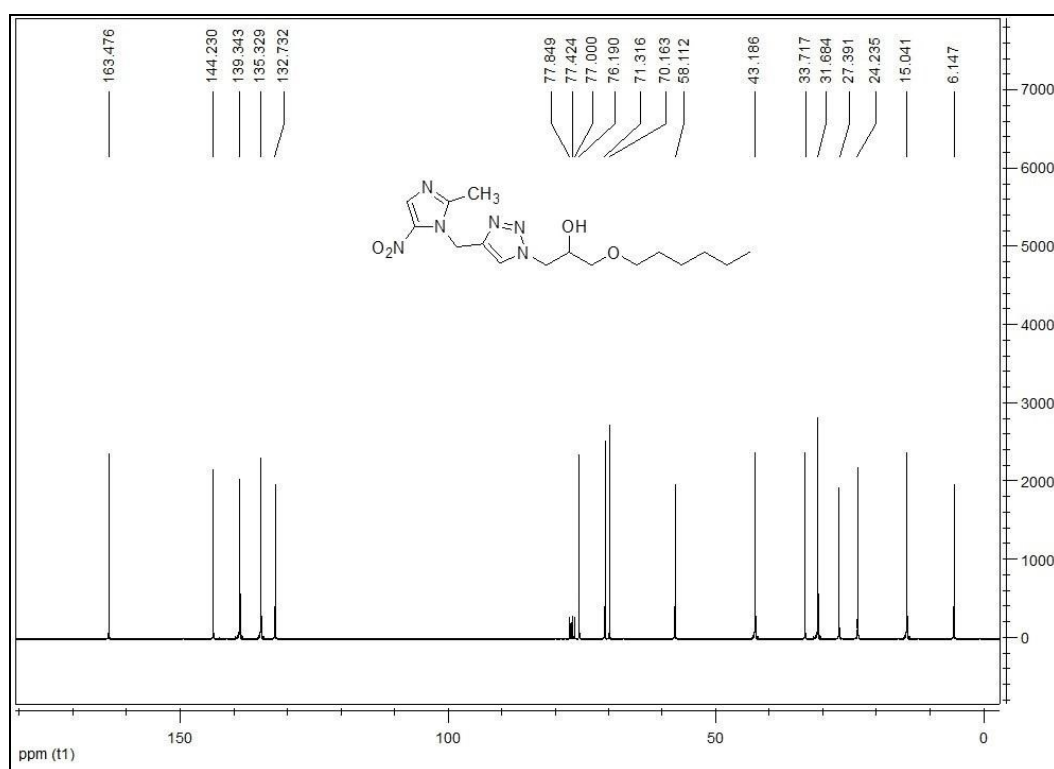


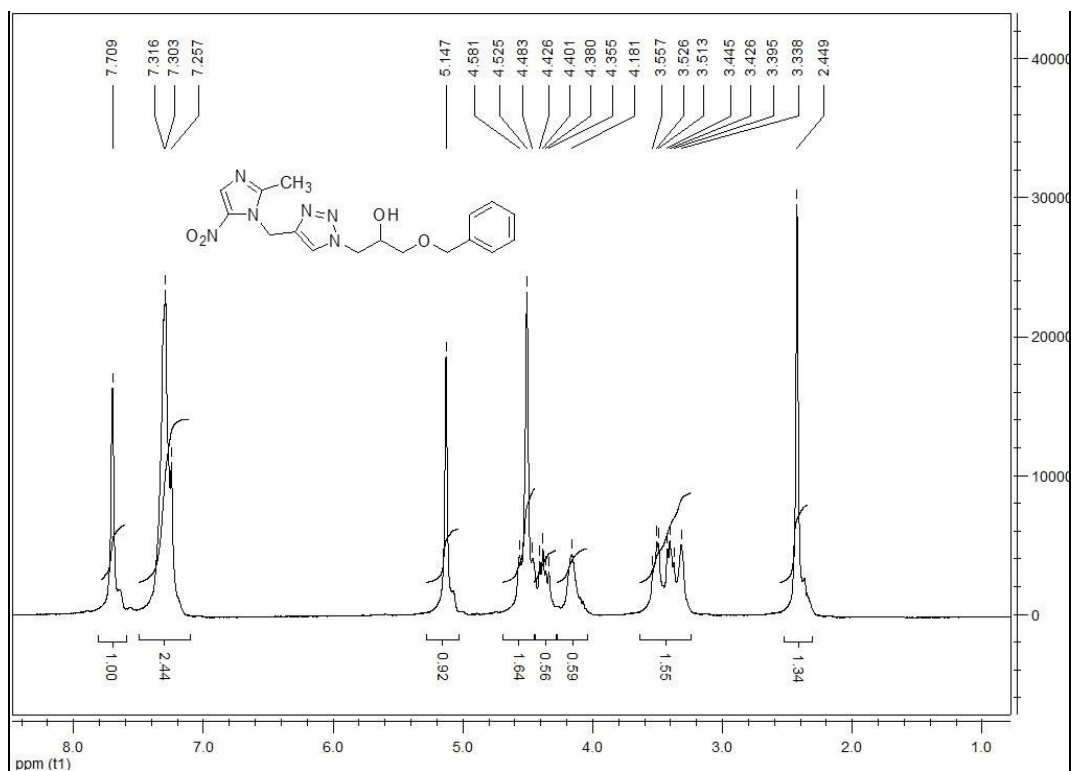
16j: *1-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)-3-(3-phenylpropoxy)propan-2-ol*



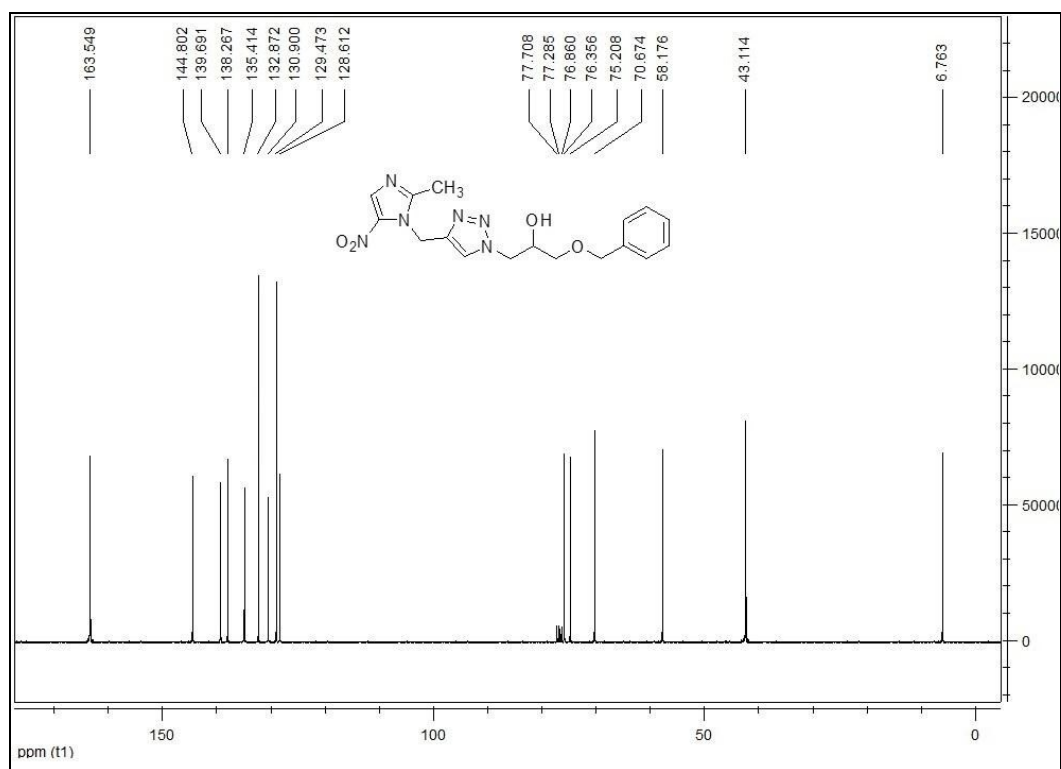


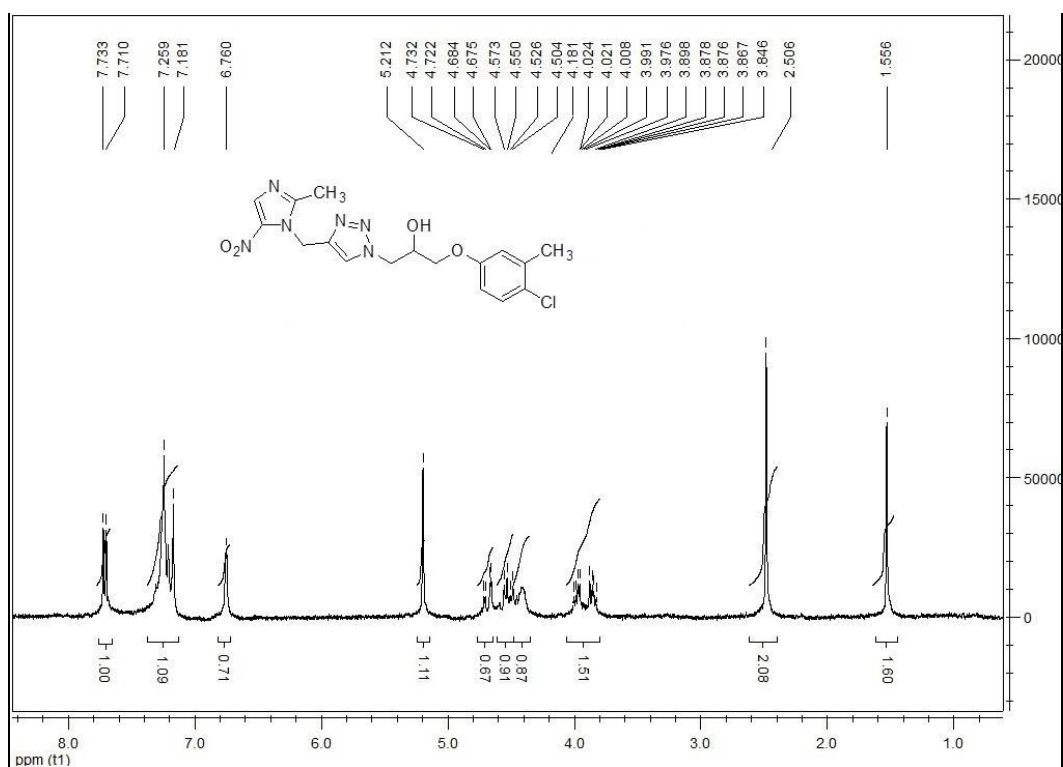
16k: *1-(hexyloxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol*





16l: 1-(benzyloxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol





16m: 1-(4-chloro-3-methylphenoxy)-3-(4-((2-methyl-5-nitro-1H-imidazol-1-yl)methyl)-1H-1,2,3-triazol-1-yl)propan-2-ol

