Supplementary Information for

Synthesis of Tricyclic Isoxazoles via Sequential [3+2] Dipolar Cycloaddition/Palladium-Catalyzed Intramolecular Arylation Reactions

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1. General Remarks

All products were characterized by their $^1$H NMR, $^{13}$C NMR on a Bruker AV-400 and 500 MHz spectrometer. Data for $^1$H NMR are reported as follows chemical shift, integration, multiplicity ($s$ = singlet, $bs$ = broad singlet, $d$ = doublet, $dd$ = doublet doublet, $t$ = triplet, $td$ = triplet, doublet, $q$ = quarte, $m$ = multiplet) and coupling constants are reported as values in hertz (Hz). Chemical shifts ($\delta$) are quoted in parts per million (ppm) downfield of tetramethylsilane, using deuterated solvent as internal standard (CDCl$_3$: 7.26 ppm for $^1$H and 77.16 for $^{13}$C). Coupling constants, $J$, were reported in hertz unit (Hz).
2. Copies of 1H and 13C NMR Spectra

Bromo-2-(prop-2-yn-1-ynoxy)benzene (7a)
Iodo-2-(prop-2-yn-1-yl oxy)benzene (7b)
Iodo-4-methoxy-2-(prop-2-yn-1-yl)oxy)benzene (7c)
Iodo-4-methyl-2-(prop-2-yn-1-yl)oxy)benzene (7d)
2-iodo-4-methyl-1-(prop-2-yn-1-yl oxy)benzene (7e)
Iodo-3,5-dimethyl-2-(prop-2-yn-1-yl)oxy)benzene (7f)
4-fluoro-1-iodo-2-(prop-2-yn-1-ylxy)benzene (7g)
4-chloro-1-iodo-2-(prop-2-yn-1-yl)oxy)benzene (7h)
4-bromo-1-iodo-2-(prop-2-yn-1-yl oxy) benzene (7i)
Methyl-4-iodo-3-(prop-2-yn-1-yloxy) benzoate (7j)
5-((2-bromophenoxy)methyl)-3-(p-tolyl) isoxazole (6a)
5-((2-iodophenoxy)methyl)-3-(p-tolyl)isoxazole (6b)
5-((2-iodophenoxy)methyl)-3-phenylisoxazole (6c)
5-((2-iodophenoxy)methyl)-3-(4-methoxyphenyl) isoxazole (6d)
5-((2-iodophenoxy)methyl)-3-(o-tolyli)sloxazole (6e)
5-((2-iodophenoxy)methyl)-3-(m-tolyl)isoxazole (6f)
3-(4-fluorophenyl)-5-((2-iodophenoxy)methyl)isoxazole (6g)
3-(4-chlorophenyl)-5-((2-iodophenoxy)methyl)isoxazole (6h)
3-(4-bromophenyl)-5-((2-iodophenoxy)methyl)isoxazole (6i)
5-((2-iodophenoxy)methyl)-3-(naphthalen-2-yl)isoxazole (6j)
Methyl-4-{5-[(2-iodophenoxy)methyl]isoxazol-3-yl}benzoate (6k)
3-(tert-butyl)-5-((2-iodophenoxy)methyl) isoxazole (6l)
3-cyclohexyl-5-((2-iodophenoxy)methyl)isoxazole (6m)
5-((2-iodo-5-methoxyphenoxy)methyl)-3-(p-tolyl)isoxazole (6n)
5-((2-iodo-5-methylphenoxy)methyl)-3-(p-tolyl)isoxazole (6o)
5-((2-iodo-4-methylphenoxy)methyl)-3-(p-tolyl)isoxazole (6p)
5-((2-iodo-4,6-dimethylphenoxy)methyl)-3-(p-tolyl)isoxazole (6q)
5-((5-fluoro-2-iodophenoxy)methyl)-3-(p-tolyl) isoxazole (6r)
5-((5-chloro-2-iodophenoxy)methyl)-3-(p-tolyl)isoaxazole (6s)
Methyl-4-iodo-3-((3-(p-tolyl)isoxazol-5-yl)methoxy)benzoate (6t)
1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5a)
1-phenyl-4H-chromeno[4,3-d]isoxazole (5c)
1-(o-tolyl)-4H-chromeno[4,3-d]isoxazole (5e)
1-(\textit{m}-tolyl)-4\textit{H}-chromeno[4,3-d]isoxazole (5f)
1-(4-fluorophenyl)-4H-chromeno[4,3-d]isoxazole (5g)
1-(4-chlorophenyl)-4H-chromeno[4,3-d]isoxazole (5h)
1-(4-bromophenyl)-4H-chromo[4,3-d]isoxazole (5i)
1-(naphthalen-2-yl)-4H-chromeno[4,3-d]isoxazole (5j)
Methyl 4-(4H-chromeno[4,3-d]isoxazol-1-yl)benzoate (5k)
1-(tert-butyl)-4H-chromeno[4,3-d]isoxazole (5l)
1-cyclohexyl-4H-chromeno[4,3-d]isoxazole (5m)
7-methoxy-1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5n)
7-methyl-1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5o)
8-methyl-1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5p)
6,8-dimethyl-1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5q)
7-fluoro-1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5r)
7-chloro-1-(p-tolyl)-4H-chromeno[4,3-d]isoxazole (5s)
Methyl-1-\((p\text{-}toly)\)-4\(H\)-chromeno[4,3-d]isoxazole-7-carboxylate (5t)
5-(((4'-methoxy-[1,1'-biphenyl]-2-yl)oxy)methyl)-3-(p-tolyl)isoxazole (9b)
3-(4-chlorophenyl)-5-(((4'-methoxy-[1,1'-biphenyl]-2-yl)oxy)methyl)isoxazole (9h)
Methyl 4-((4'-methoxy-[1,1'-biphenyl]-2-yl)oxy)methyl)isoxazol-3-yl)benzoate (9i)
5-(((4'-methoxy-4-methyl-[1,1'-biphenyl]-2-yl)oxy)methyl)-3-(p-tolyl)isoxazole (9o)
5-(((4-chloro-4'-methoxy-[1,1'-biphenyl]-2-yl)oxy)methyl)-3-(p-tolyl)isoxazole (9s)