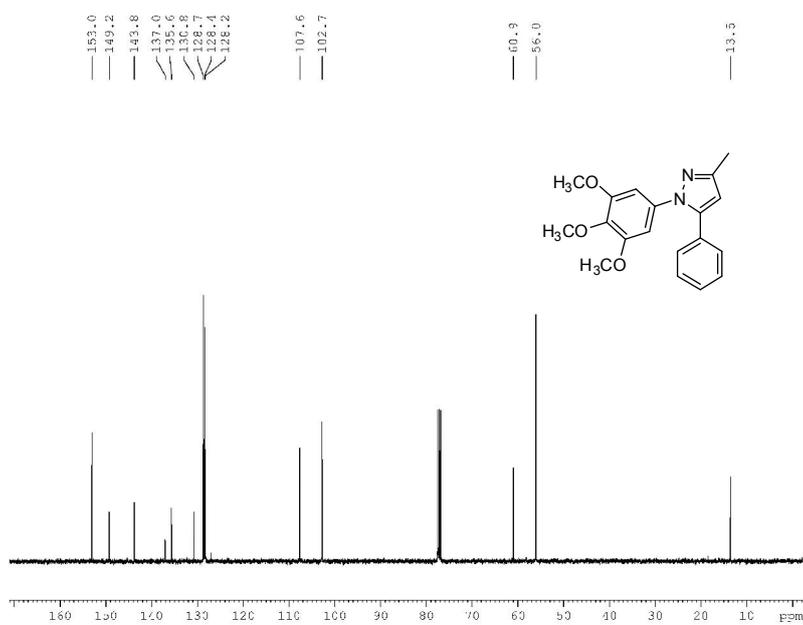
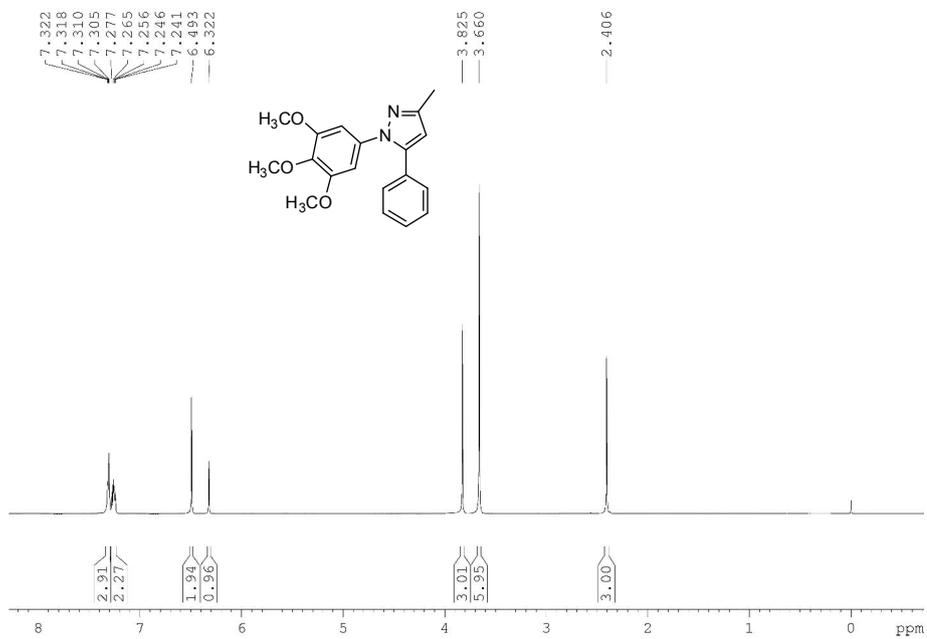


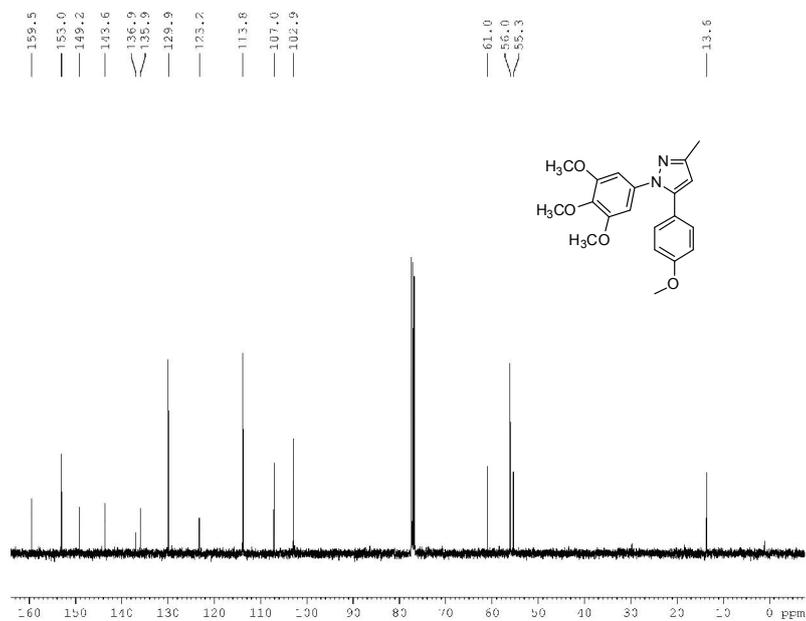
Contents: ^1H and ^{13}C NMR spectra of all target compounds and representative intermediates.

Target compounds:

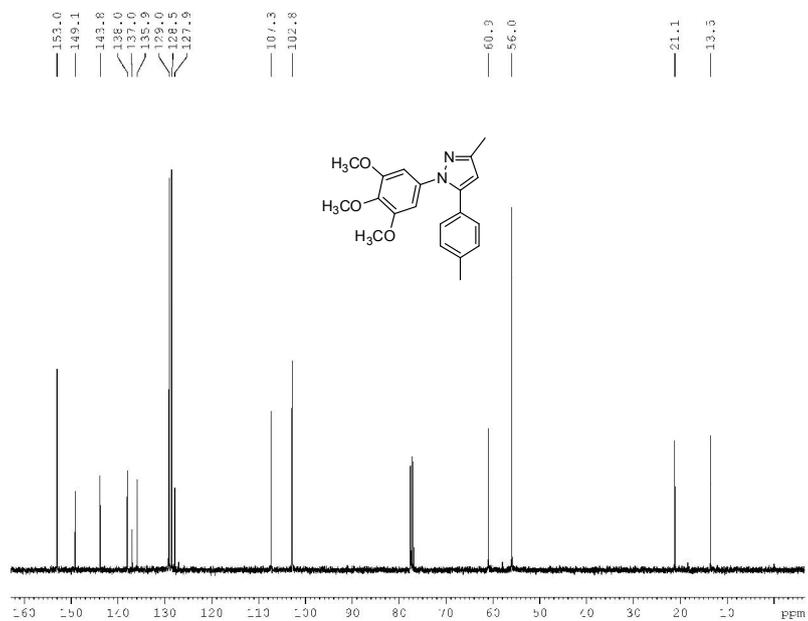
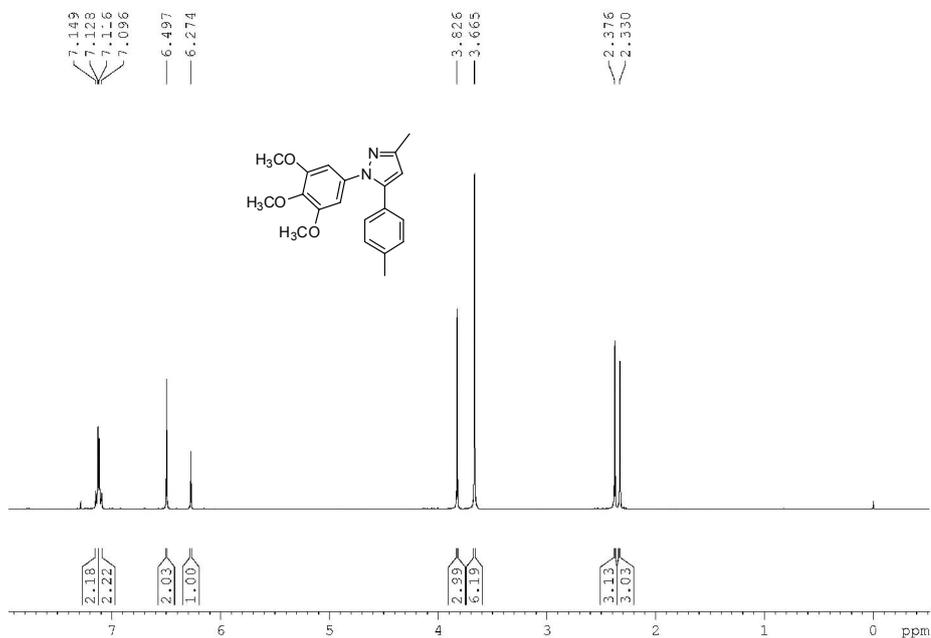
3-Methyl-5-phenyl-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole(7a)



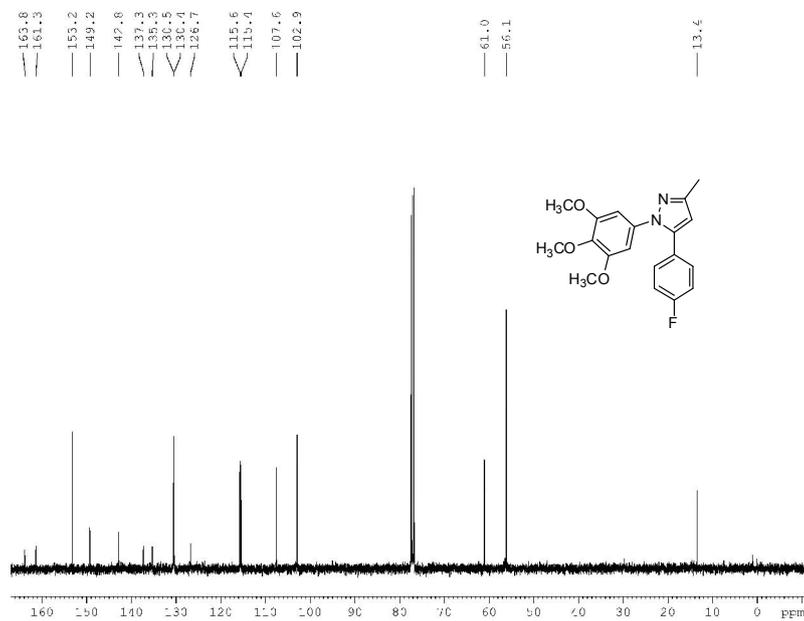
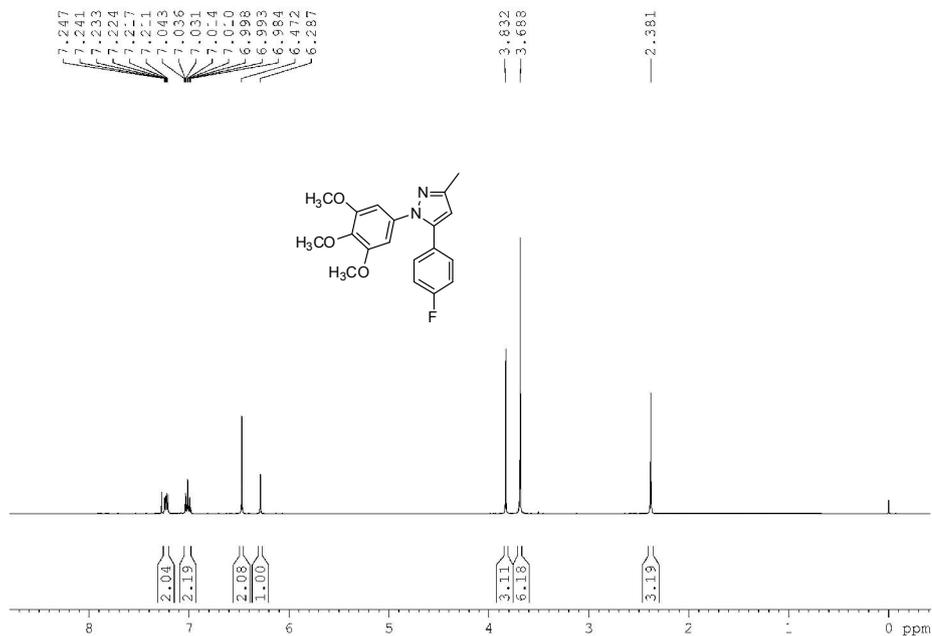
3-Methyl-5-(4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole(7b)



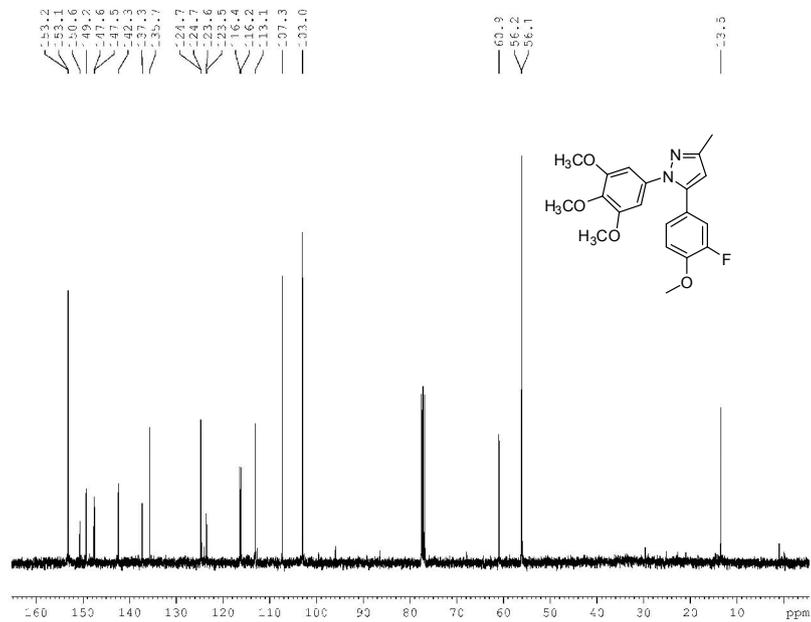
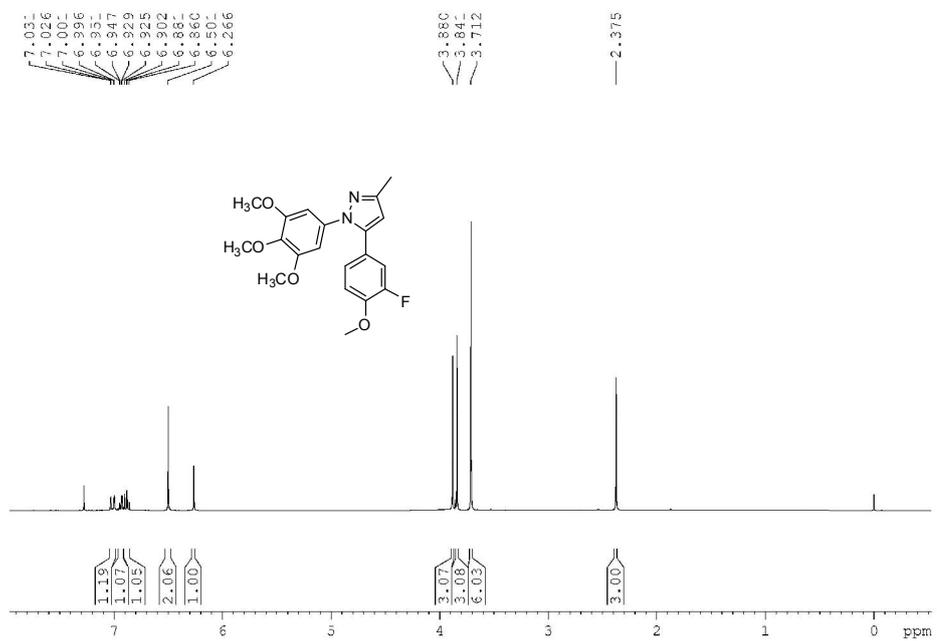
3-Methyl-5-(4-methylphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole(7c)



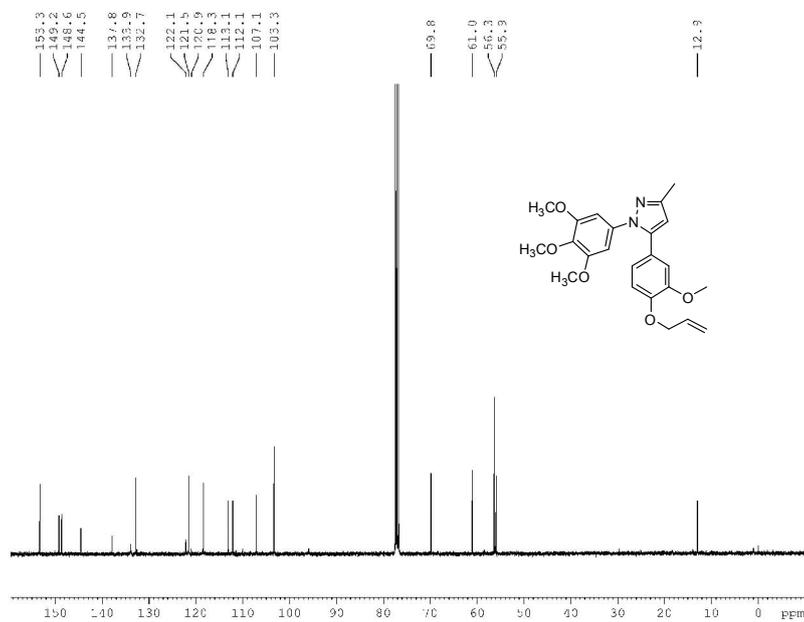
3-Methyl-5-(4-fluorophenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7d)



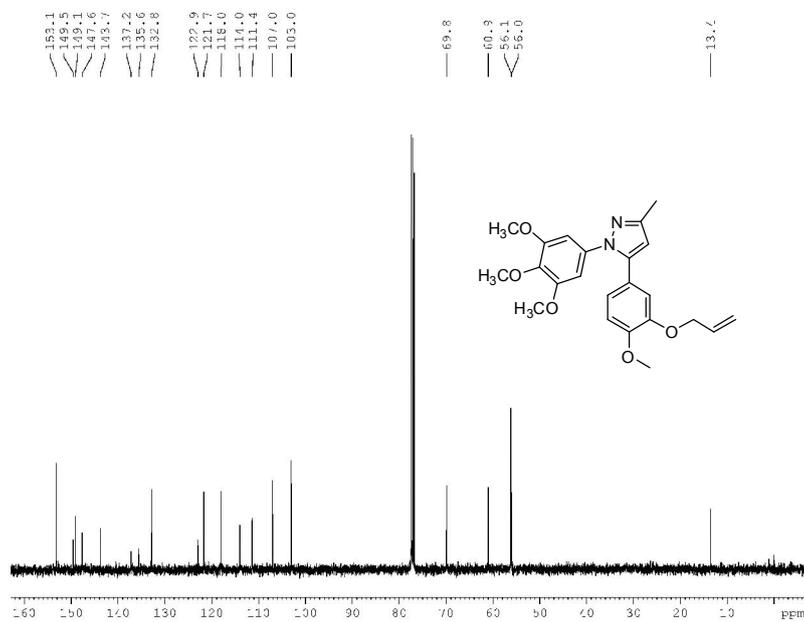
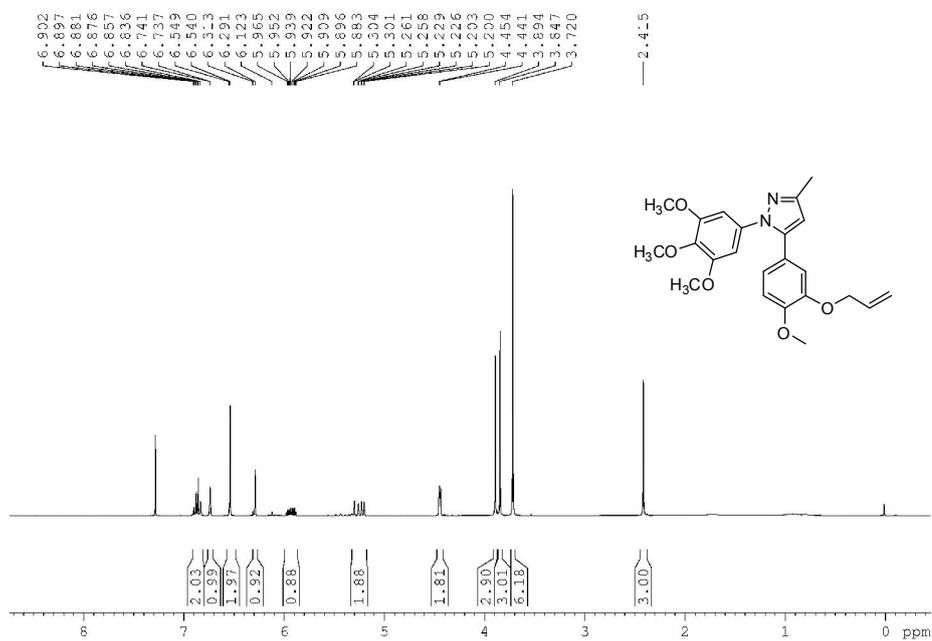
3-Methyl-5-(3-fluoro-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7e)



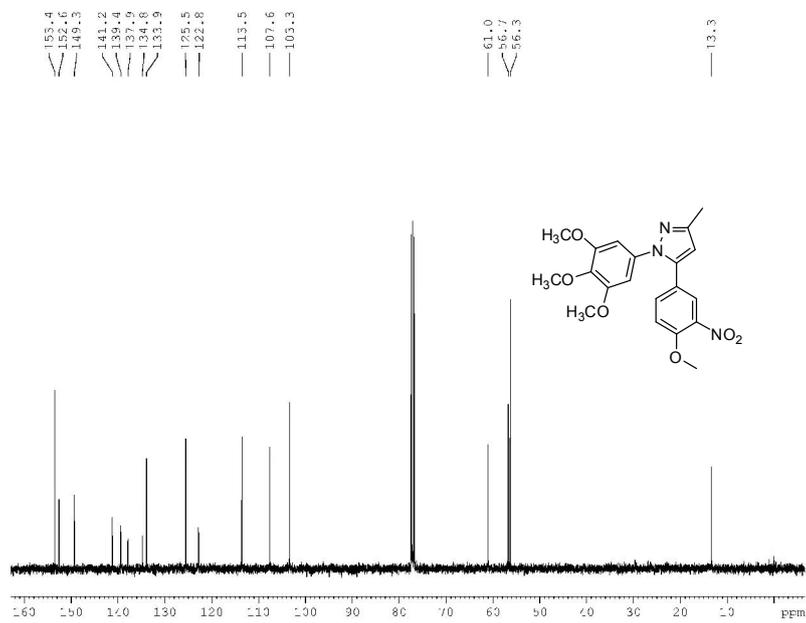
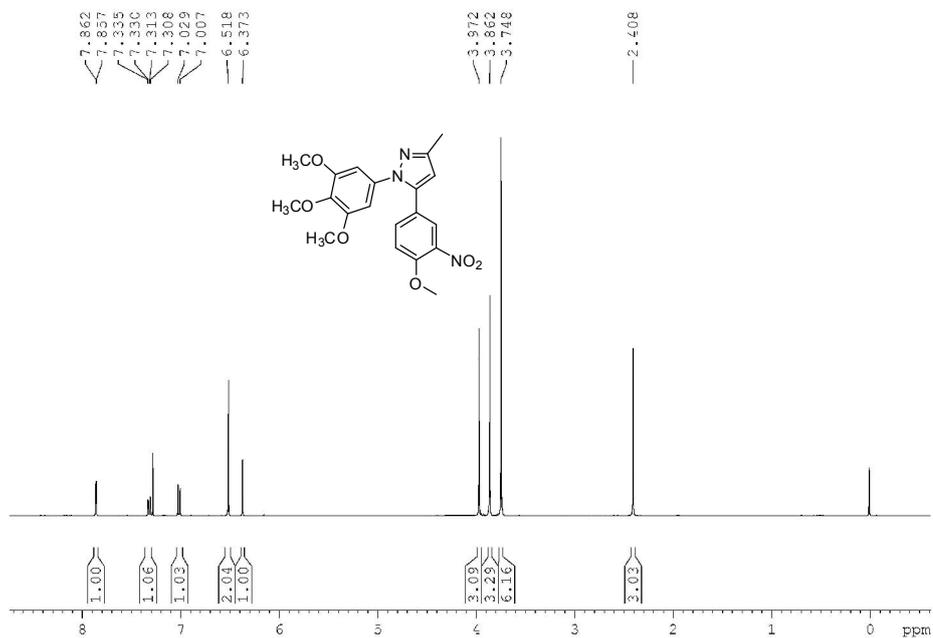
3-Methyl-5-(4-allyloxy-3-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7f)



3-Methyl-5-(3-allyloxy-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7g)

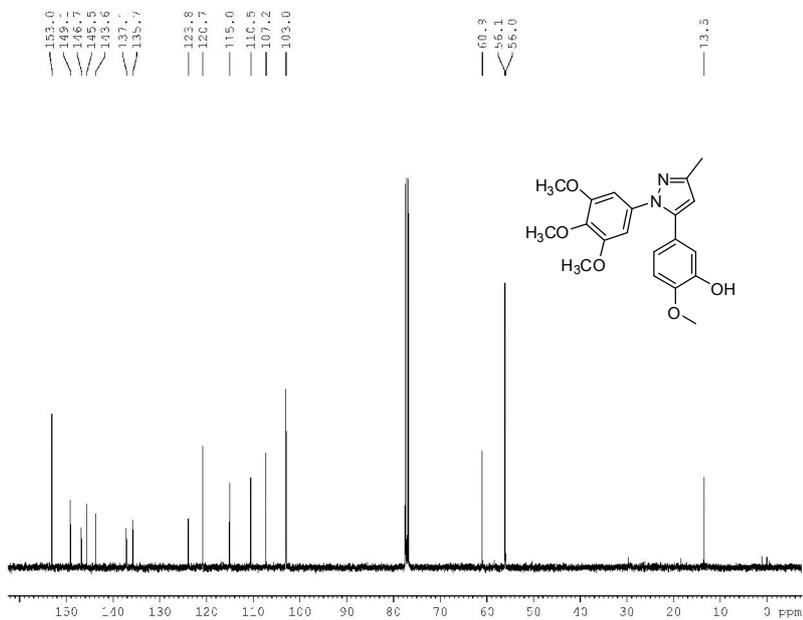
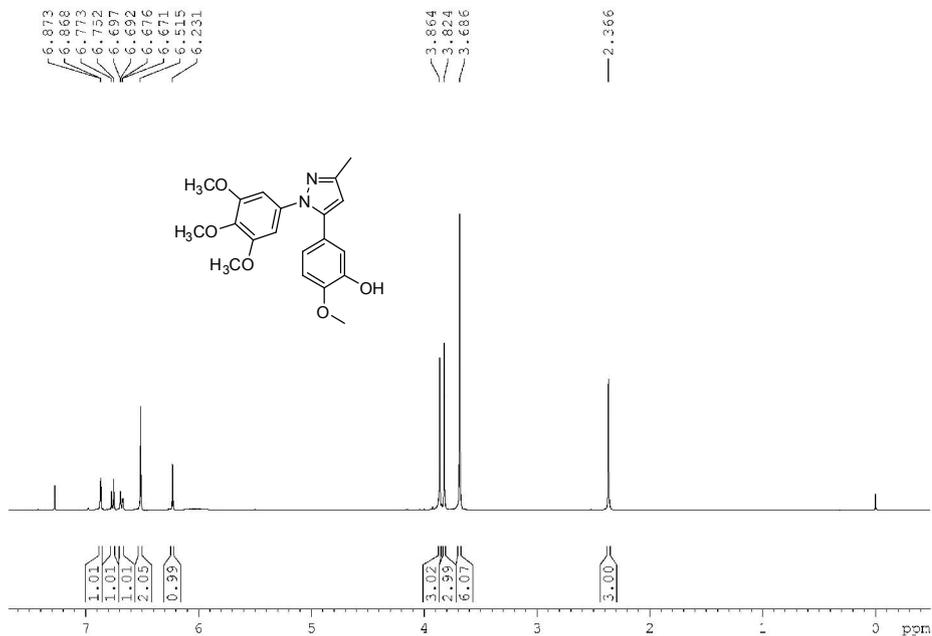


3-Methyl-5-(4-methoxy-3-nitrophenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7h)



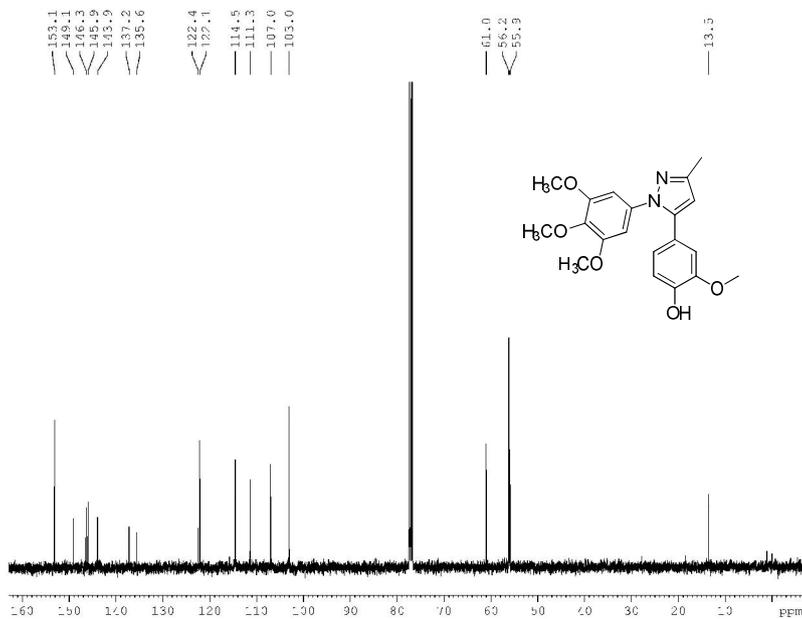
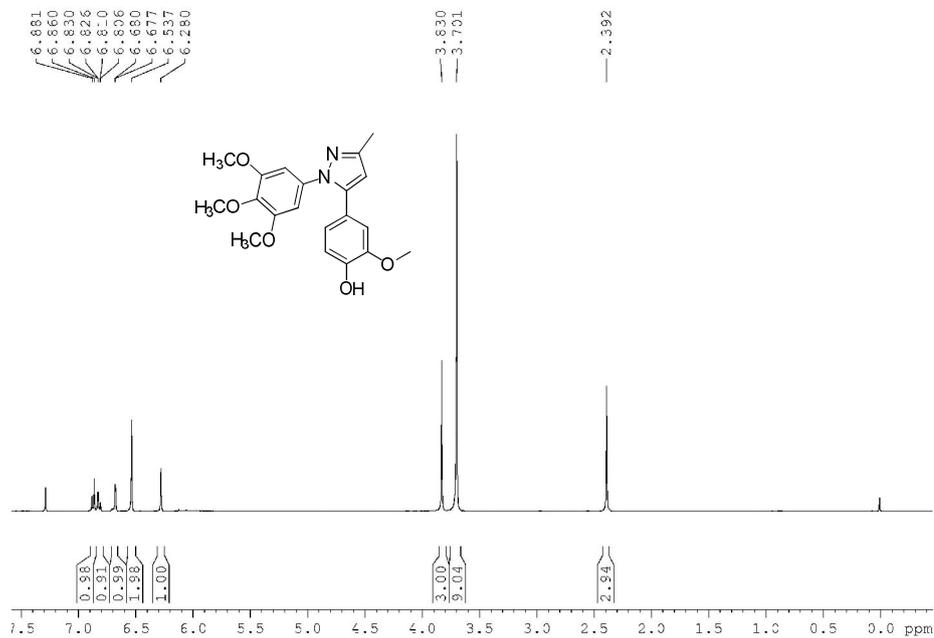
3-Methyl-5-(3-hydroxy-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole

(7i)

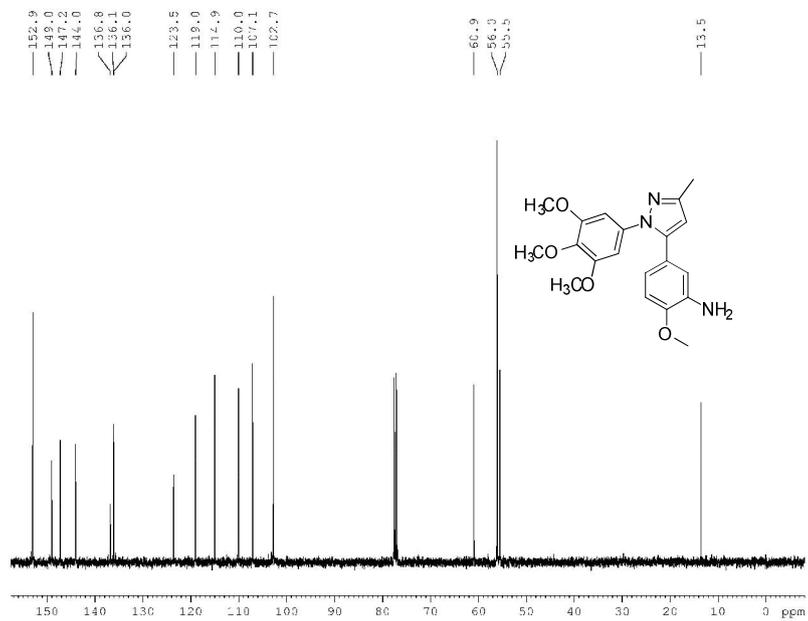
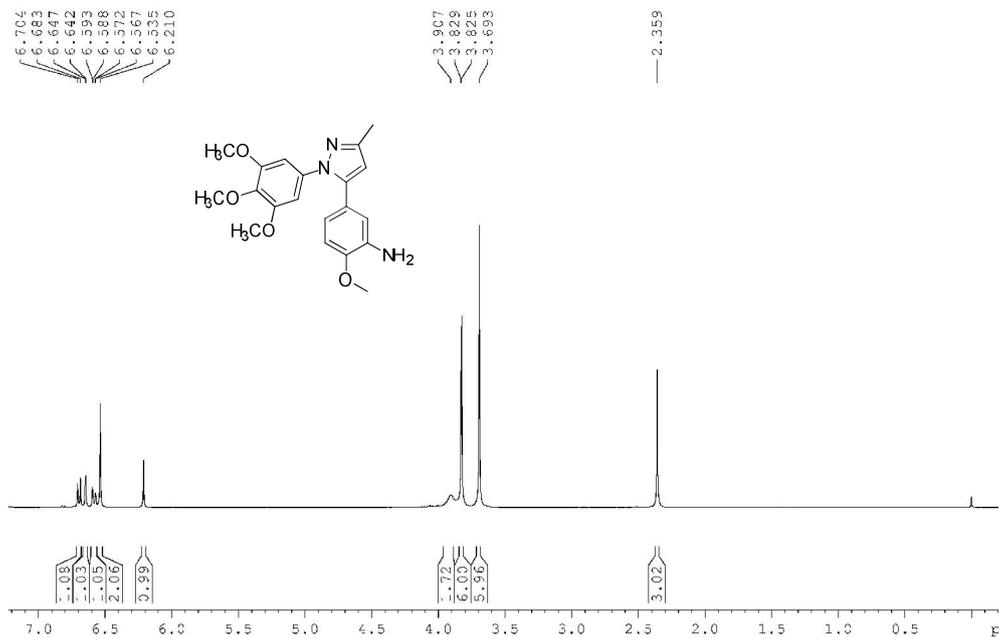


3-Methyl-5-(4-hydroxy-3-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole

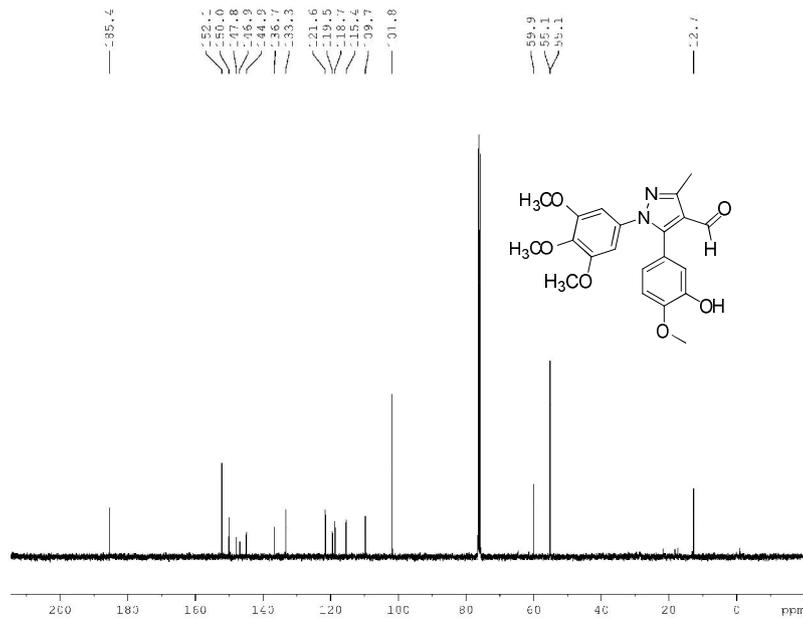
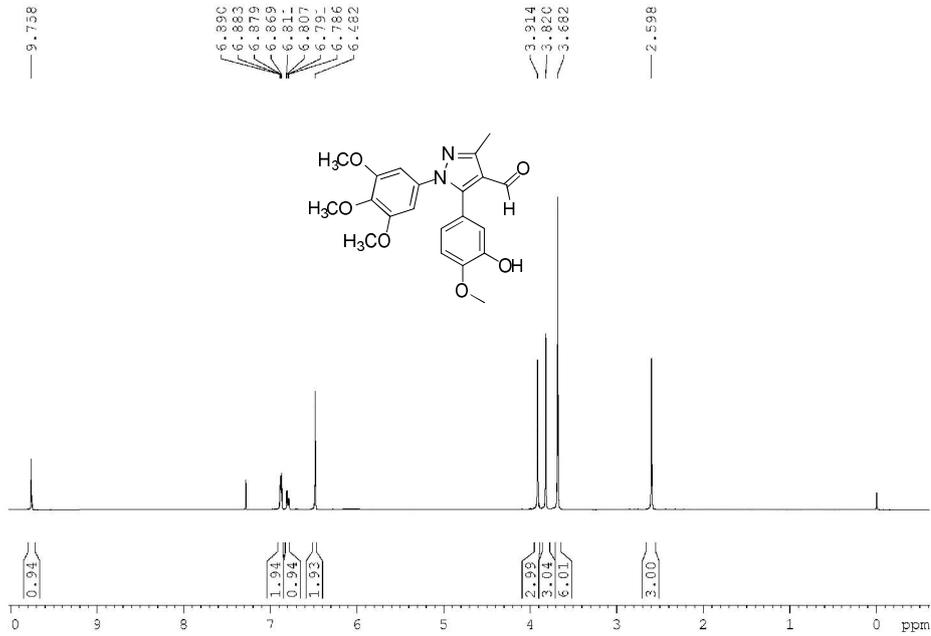
(7j)



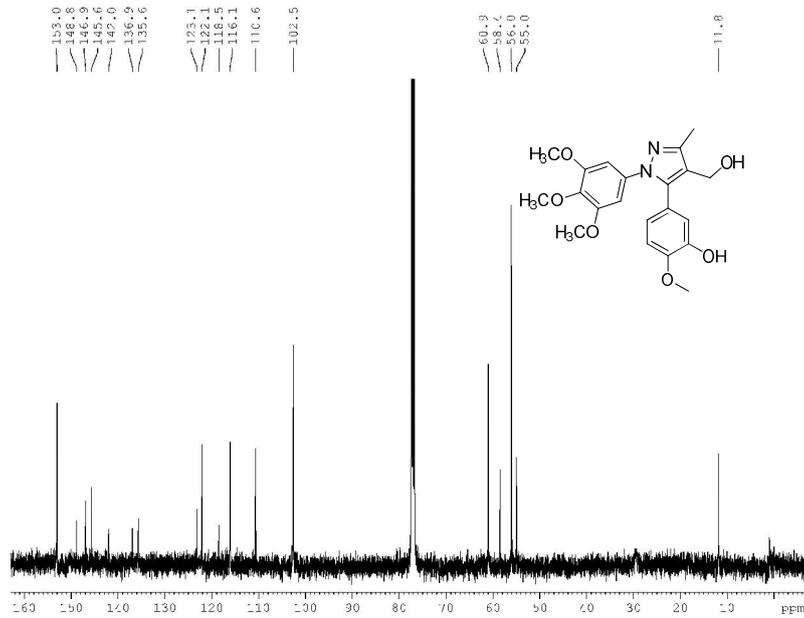
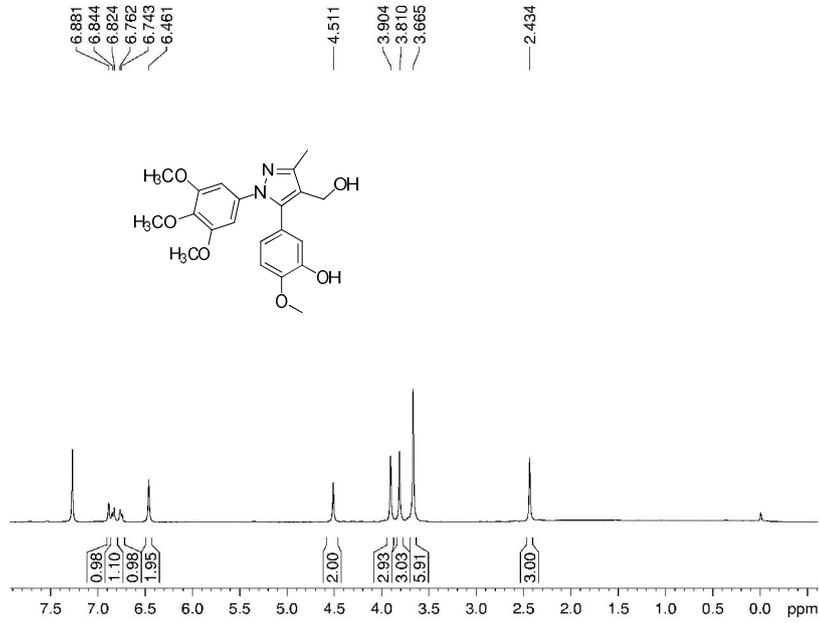
3-Methyl-5-(3-amino-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7k)



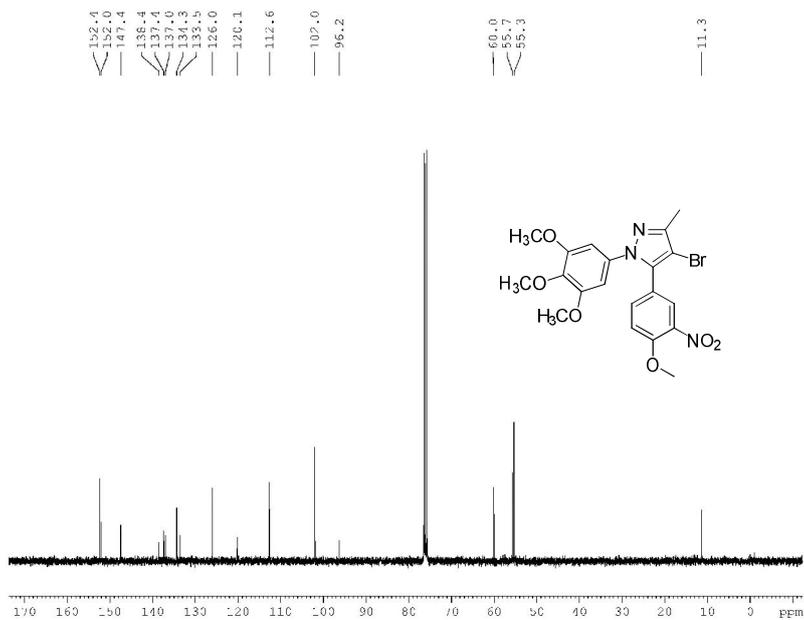
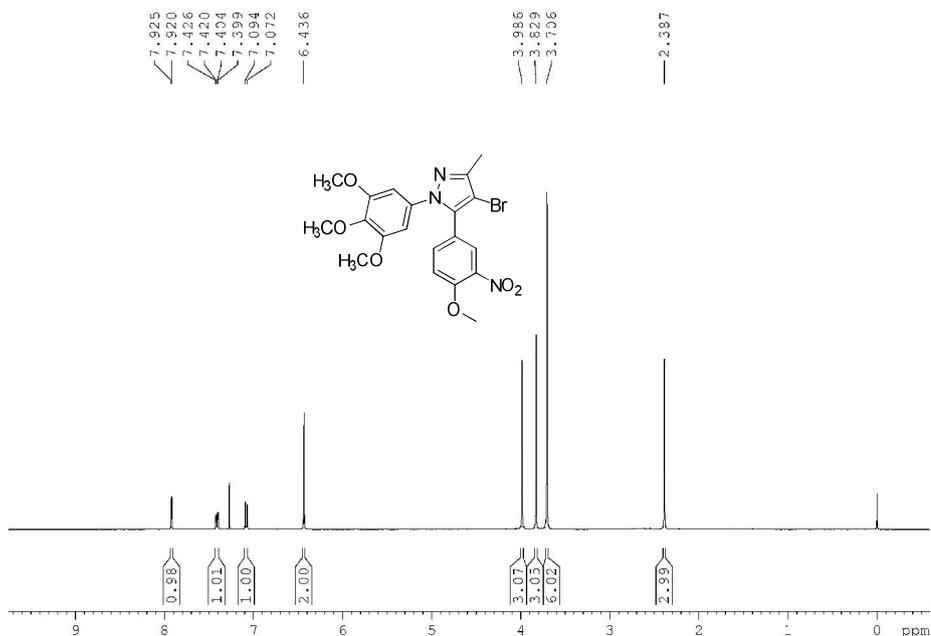
4-Formyl-3-methyl-5-(3-hydroxy-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7I)



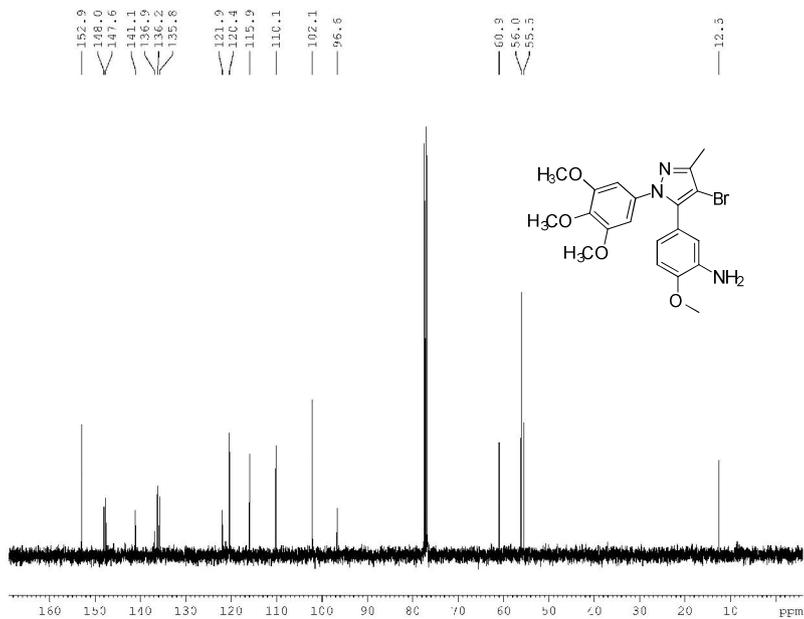
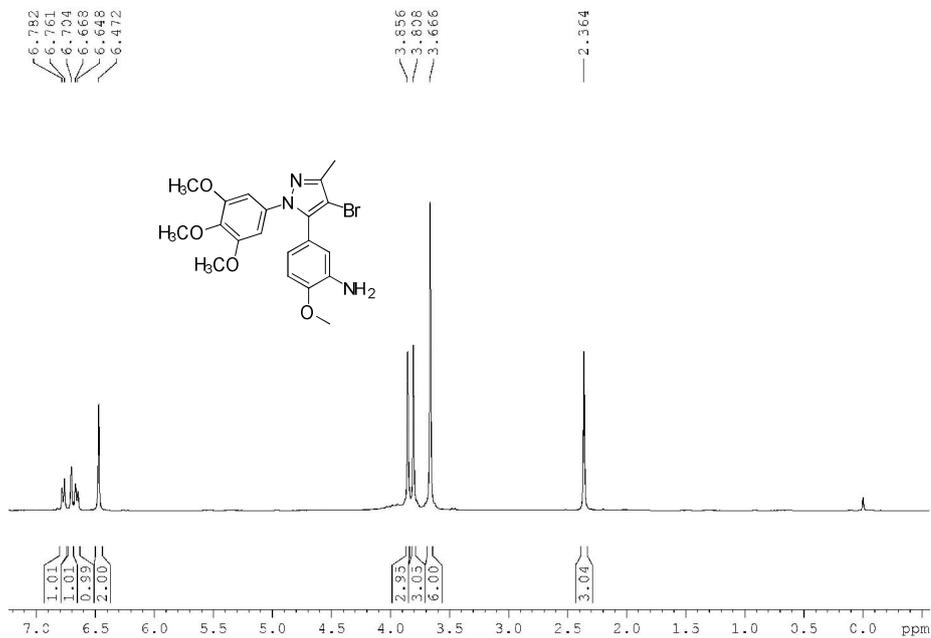
4-Hydroxymethyl-3-methyl-5-(3-hydroxy-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7m)



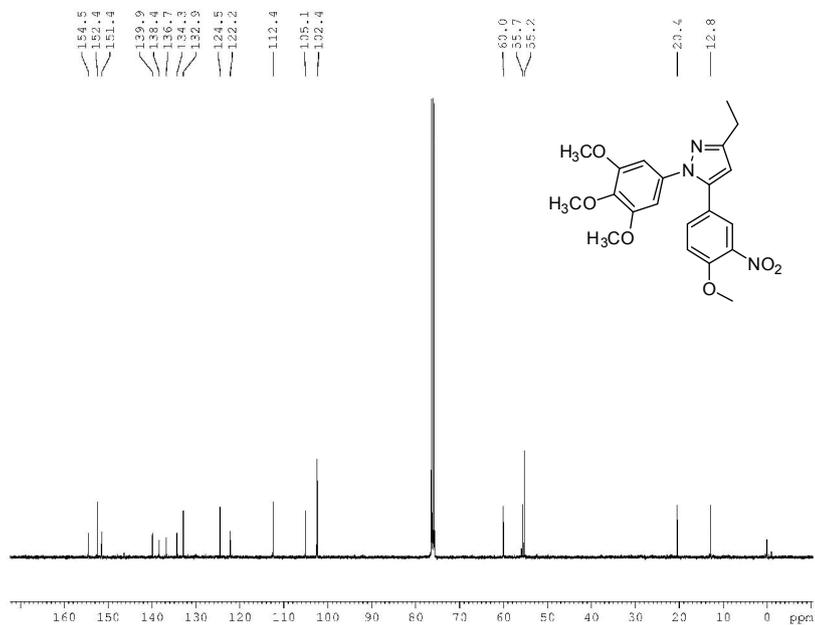
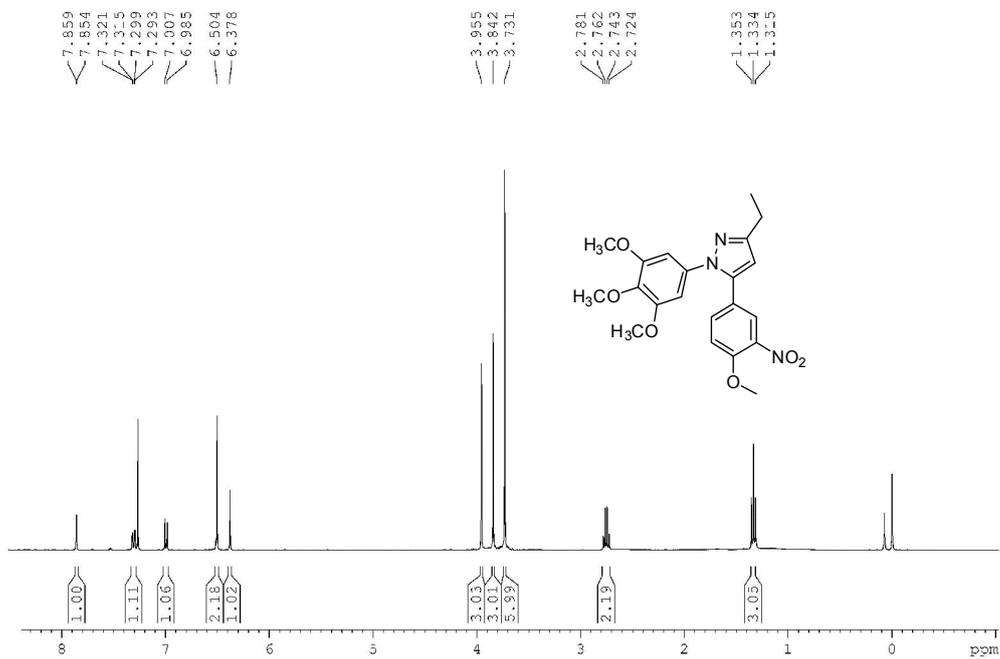
4-Bromo-3-methyl-5-(4-methoxy-3-nitrophenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7n)



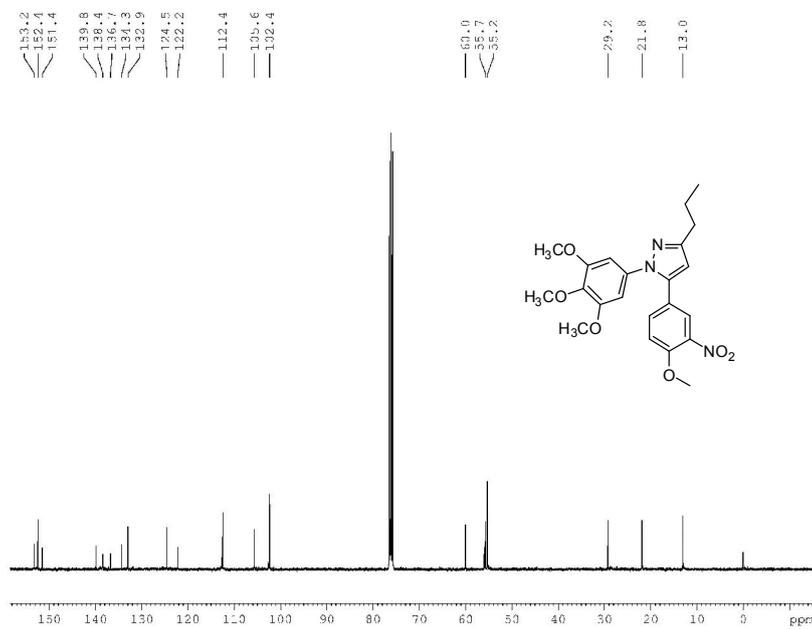
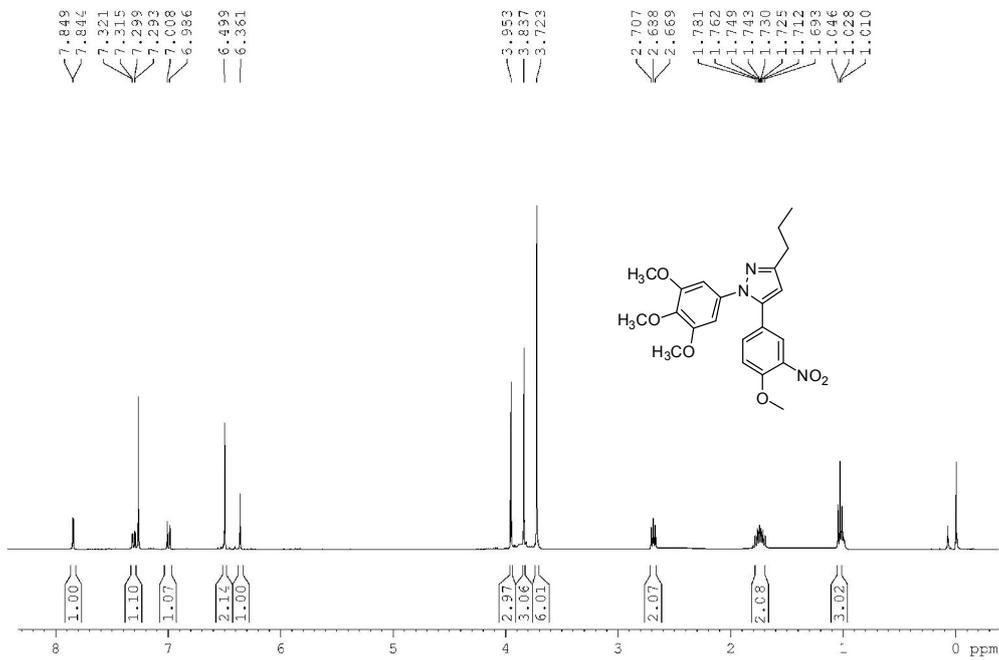
4-Bromo-3-methyl-5-(3-amino-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7o)



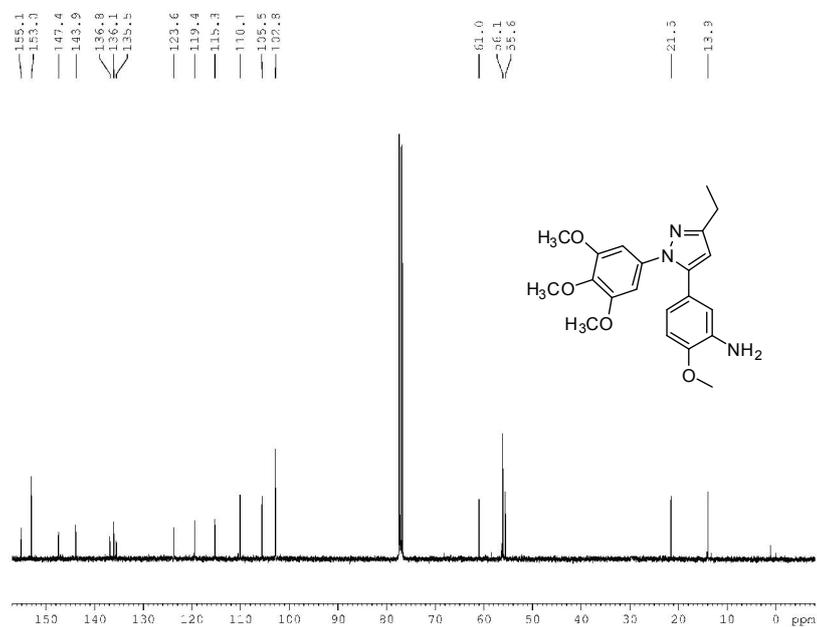
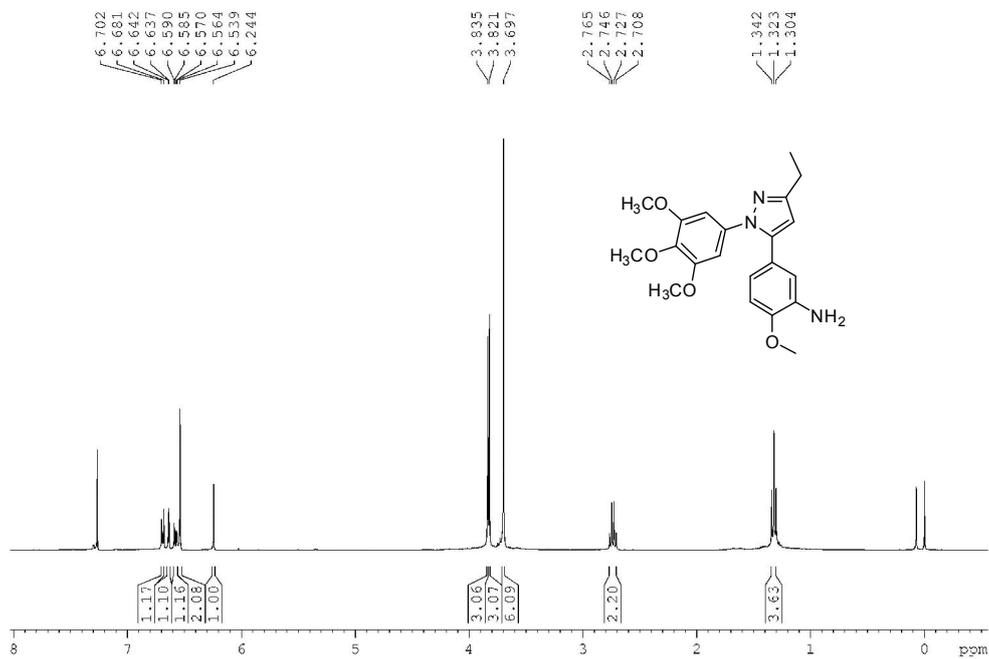
3-Ethyl-5-(4-methoxy-3-nitrophenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7p)



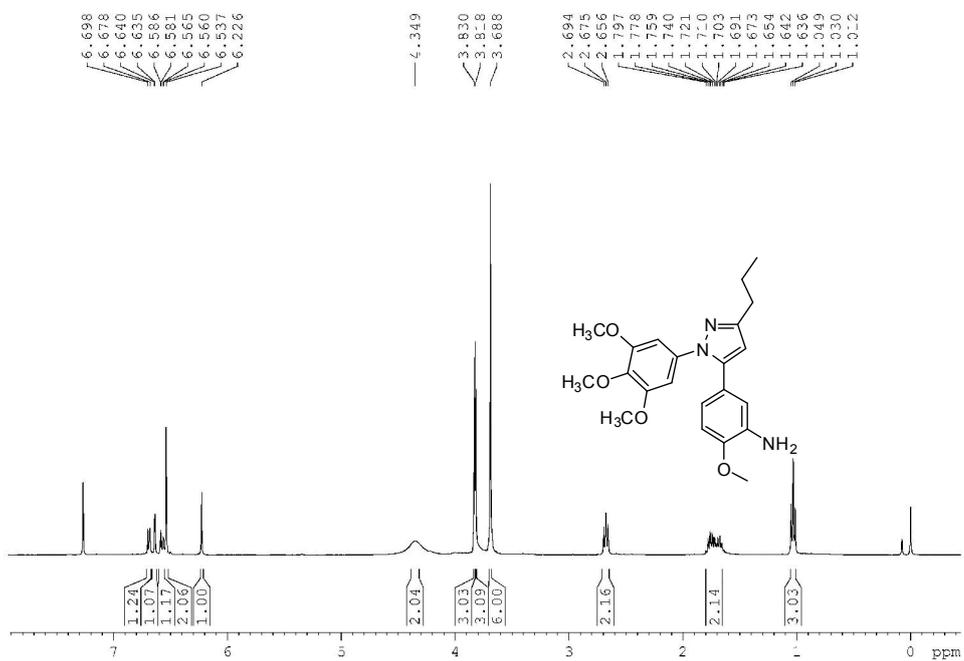
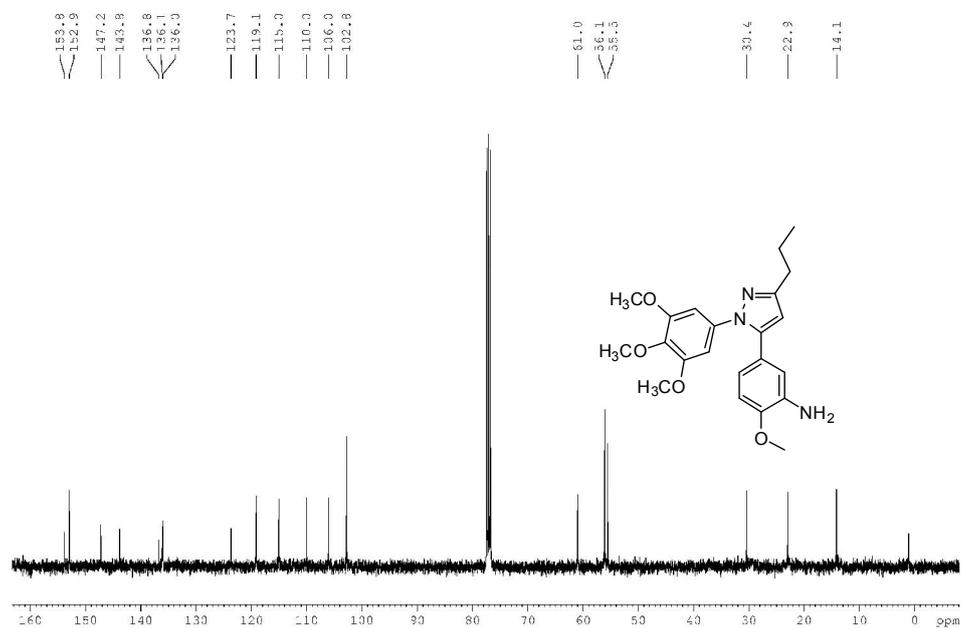
3-Propyl-5-(4-methoxy-3-nitrophenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole(7q)



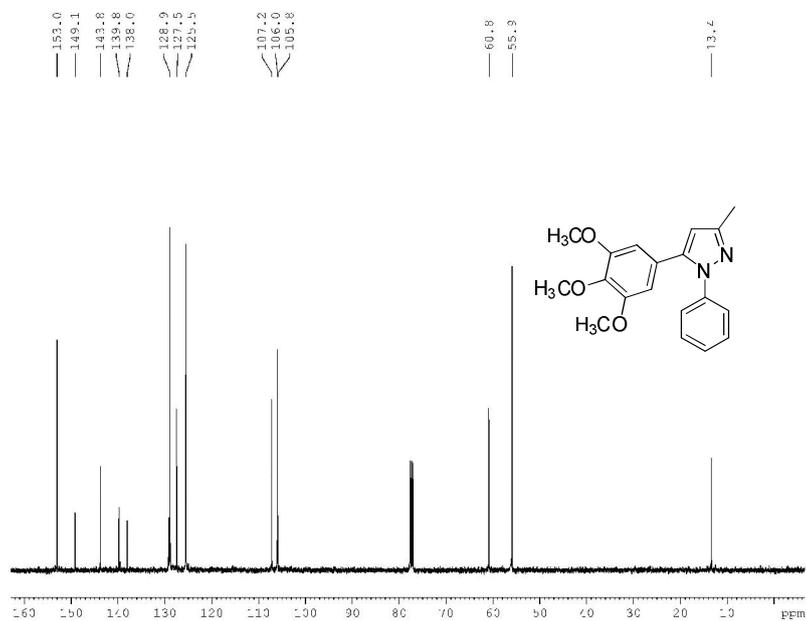
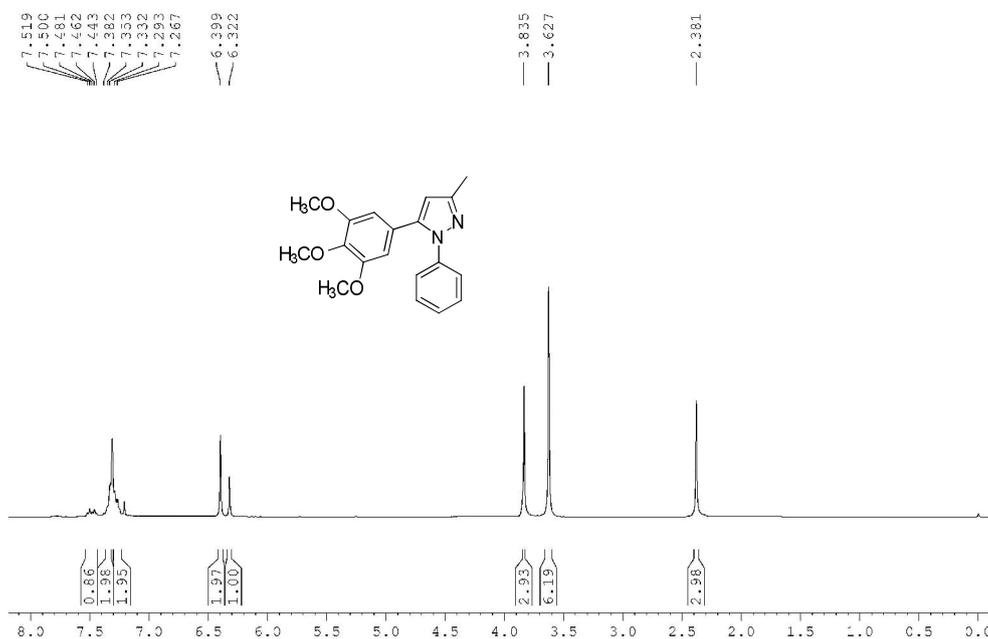
3-Ethyl-5-(3-amino-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole (7r)



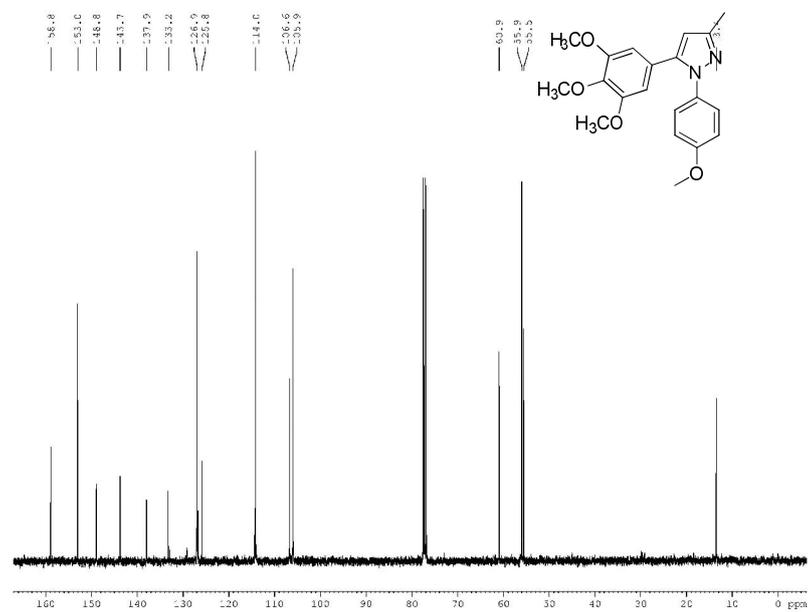
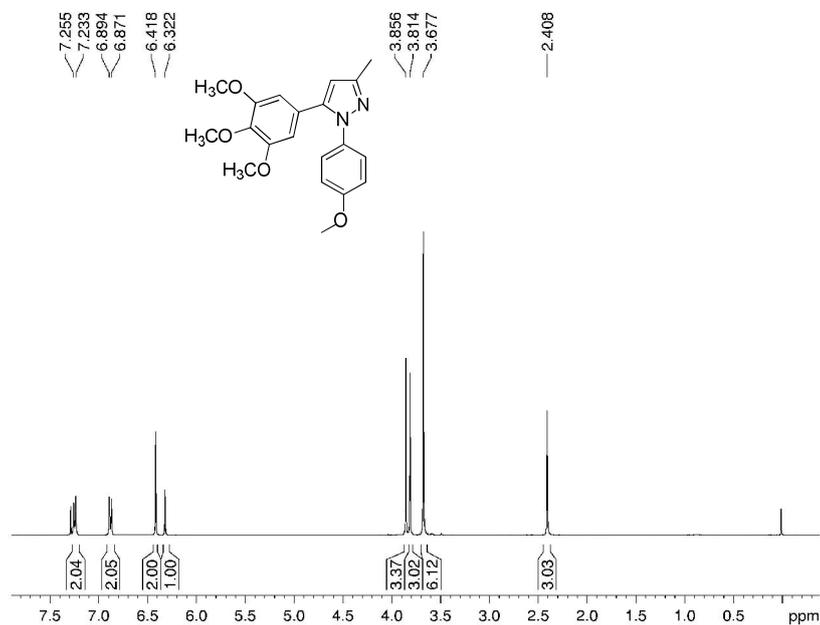
3-Propyl-5-(3-amino-4-methoxyphenyl)-1-(3,4,5-trimethoxyphenyl)-1H-pyrazole(7s)



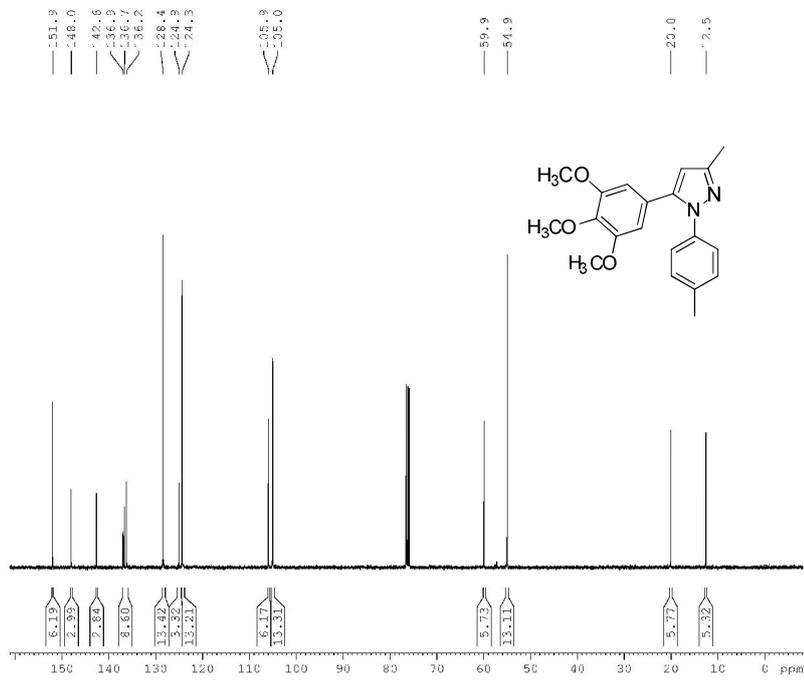
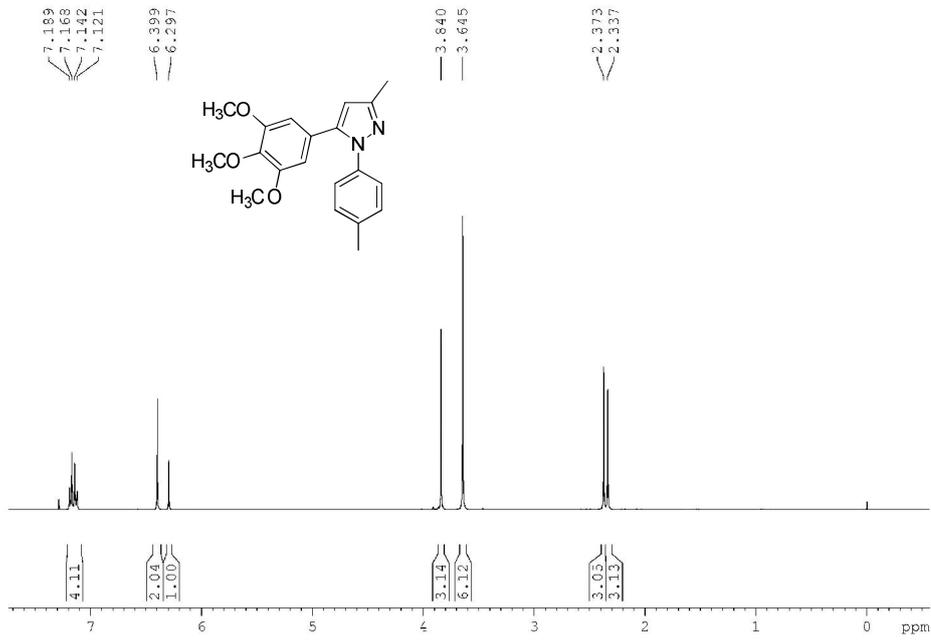
3-Methyl-1-phenyl-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8a)



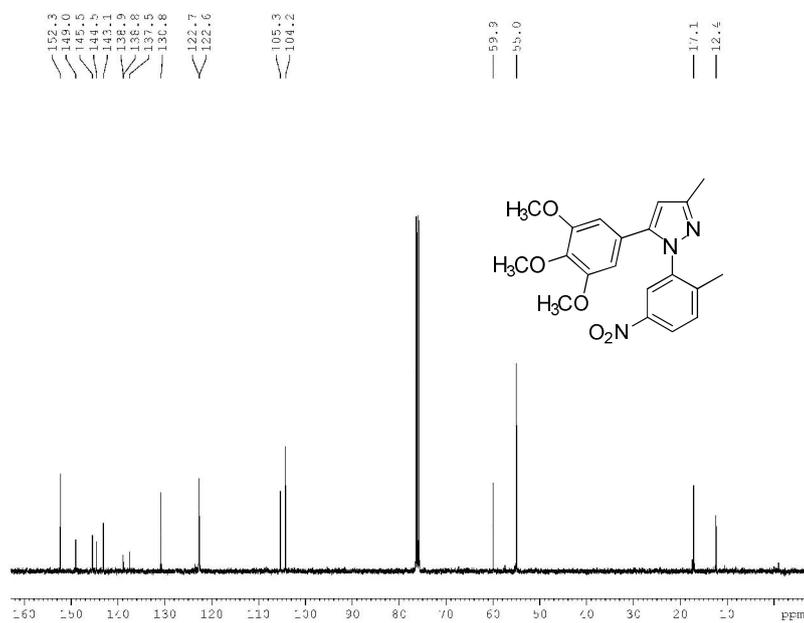
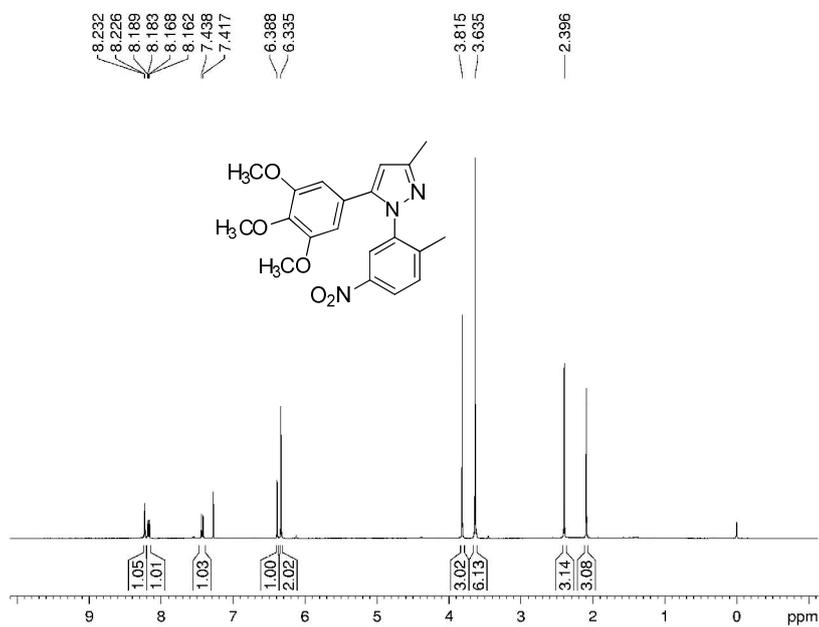
3-Methyl-1-(4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8b)



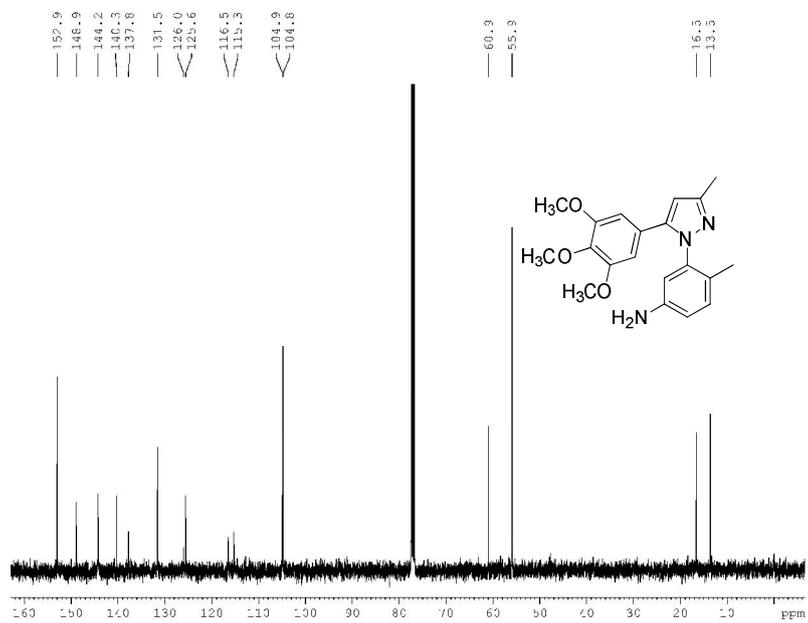
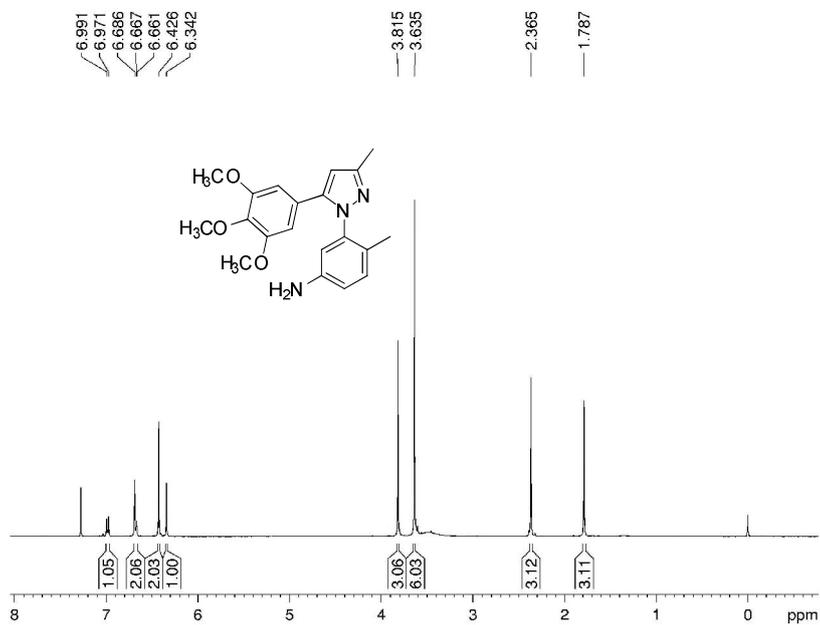
3-Methyl-1-(4-methylphenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8c)



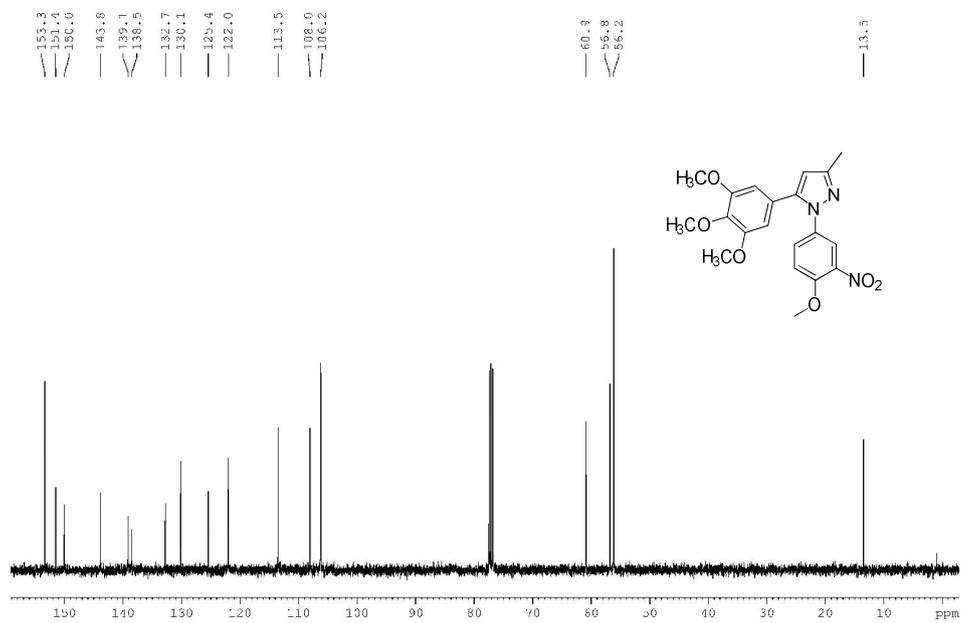
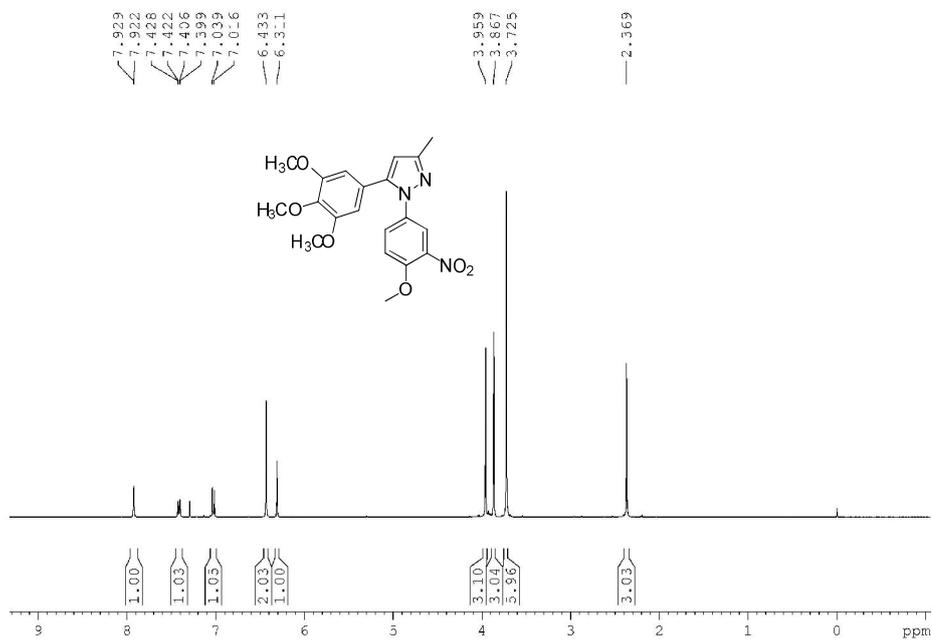
3-Methyl-1-(2-methyl-5-nitrophenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8d)



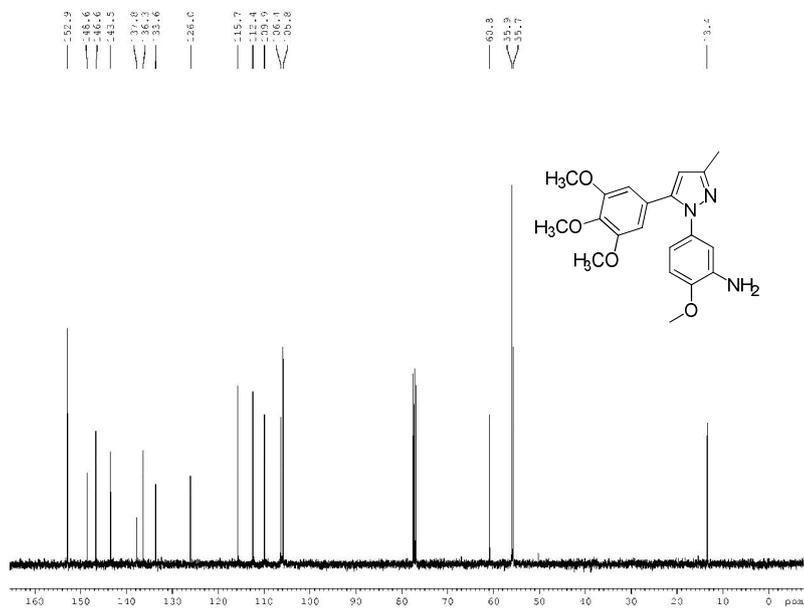
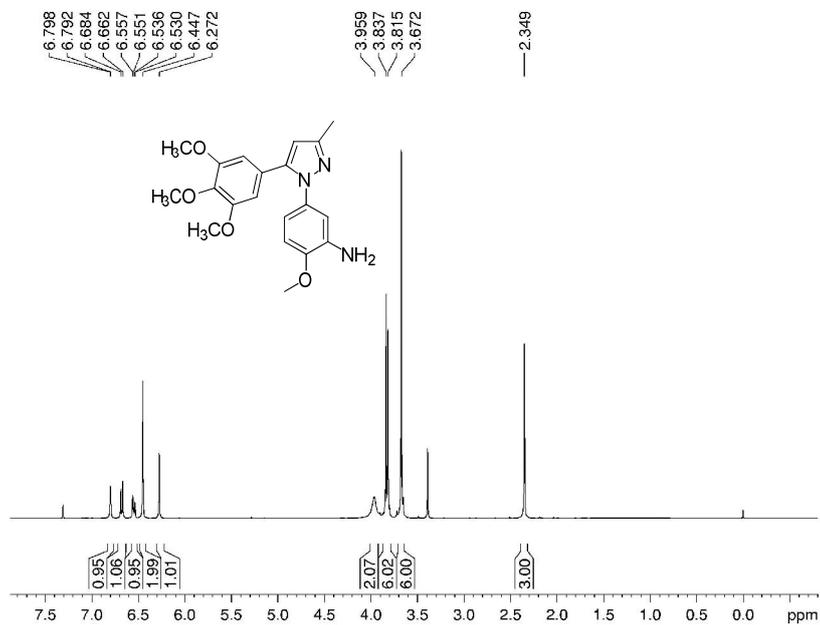
3-Methyl-1-(5-amino-2-methylphenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8e)



3-Methyl-1-(4-methoxy-3-nitrophenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8f)

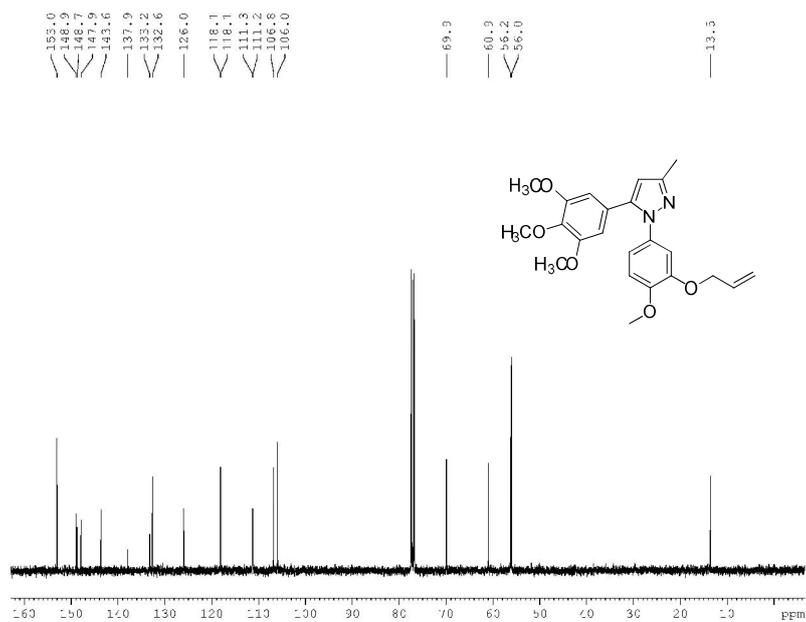
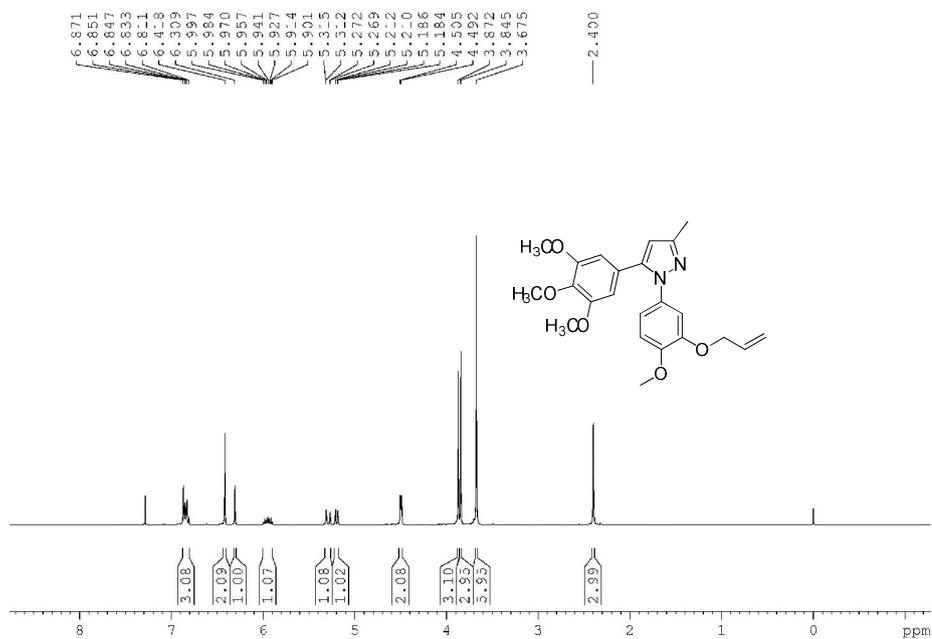


3-Methyl-1-(3-amino-4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole (8g)



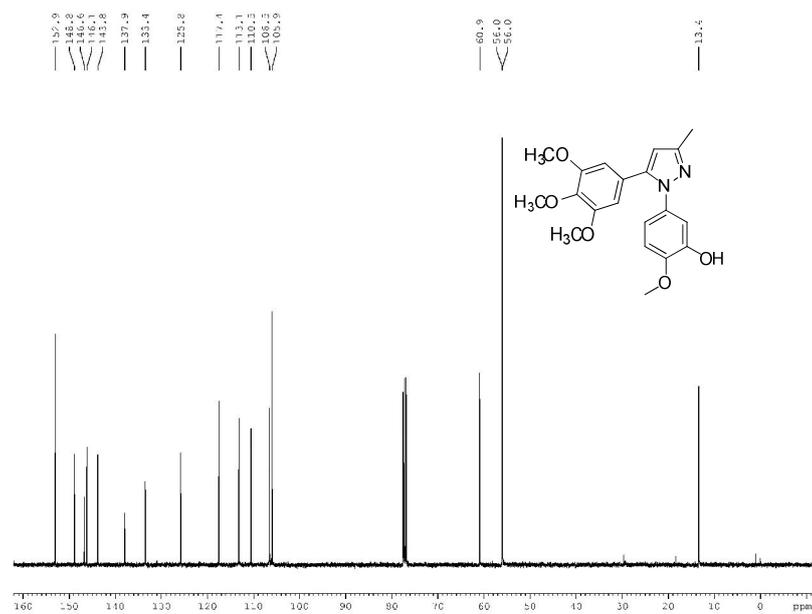
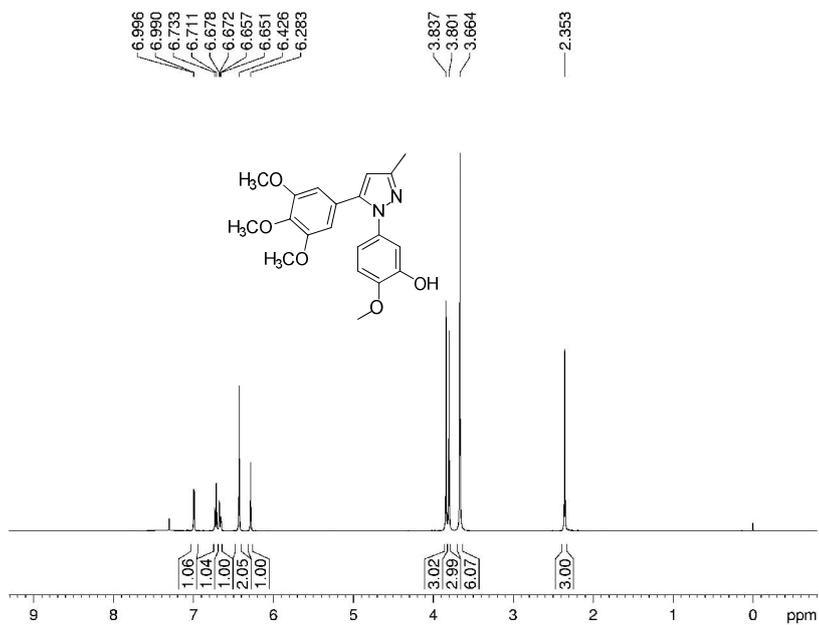
3-Methyl-1-(3-allyloxy-4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole

(8h)



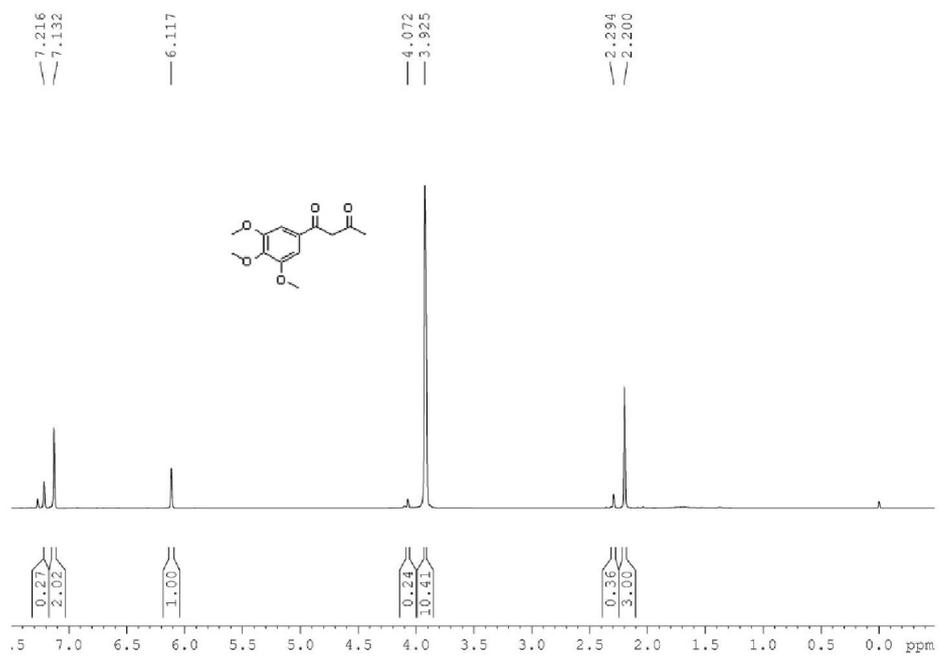
3-Methyl-1-(3-hydroxy-4-methoxyphenyl)-5-(3,4,5-trimethoxyphenyl)-1H-pyrazole

(8i)

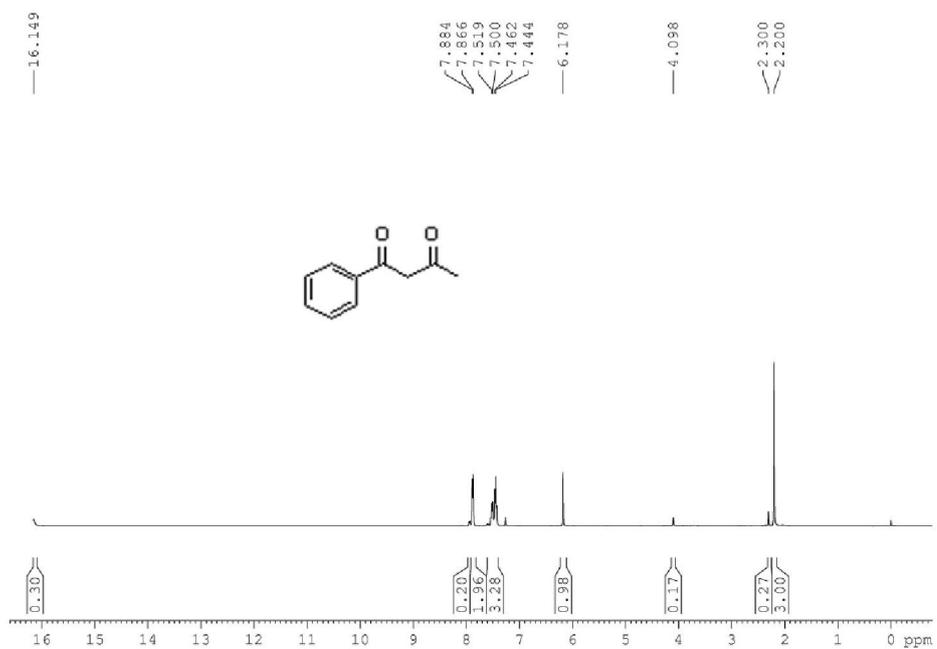


Intermediates

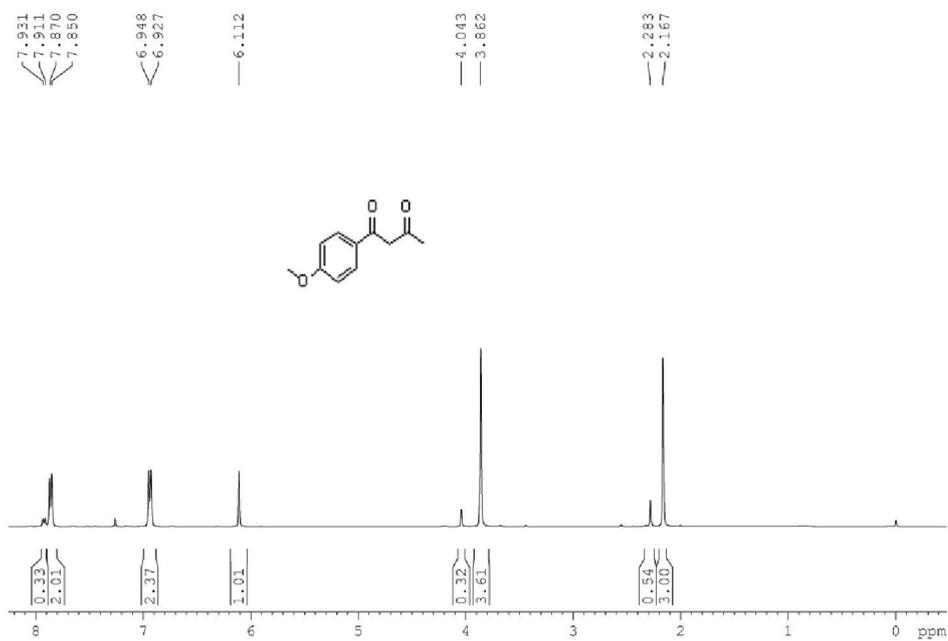
1-(3,4,5-Trimethoxyphenyl)butane-1,3-dione(16)



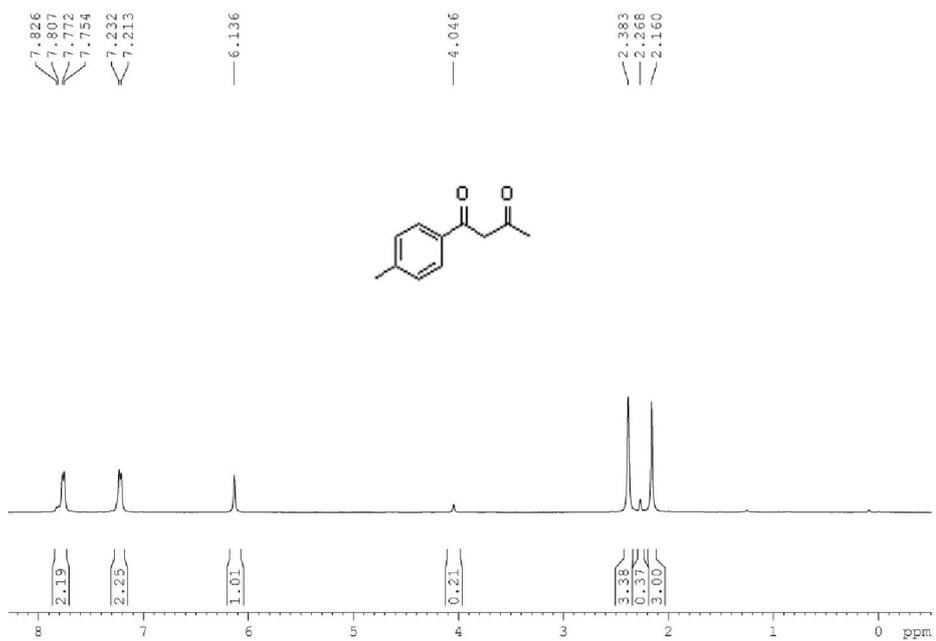
1-Phenylbutane-1,3-dione(14a)



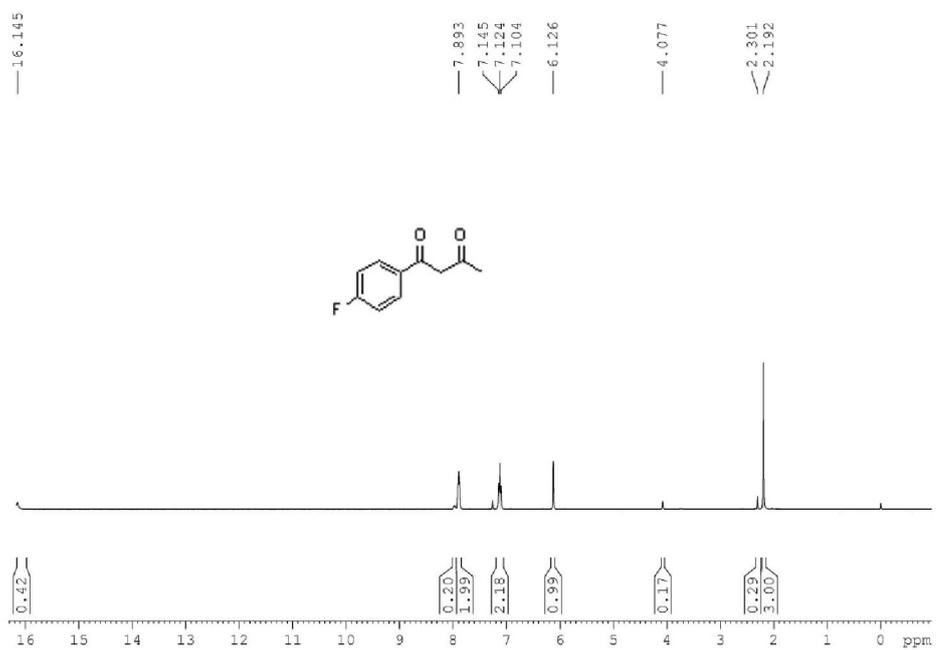
1-(4-Methoxyphenyl)butane-1,3-dione(14b)



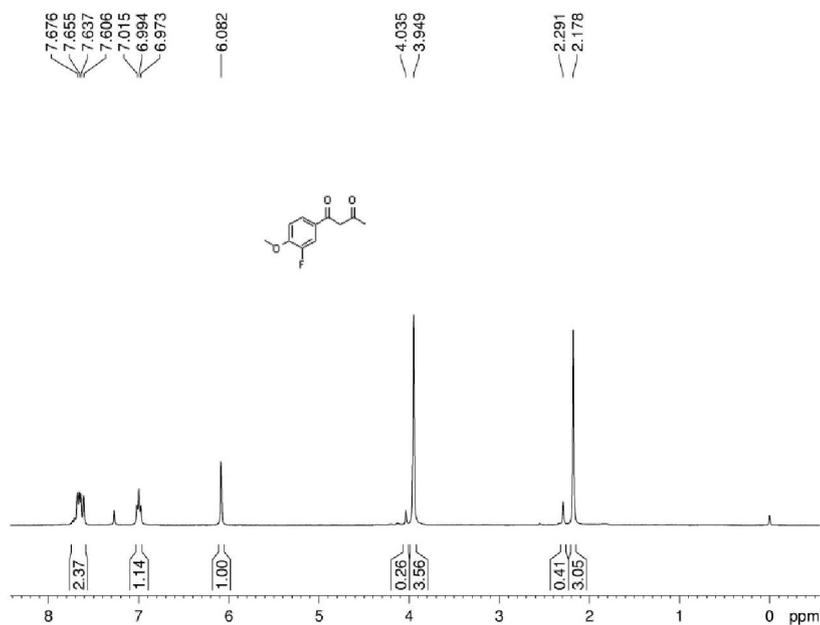
1-P-tolylbutane-1,3-dione(14c)



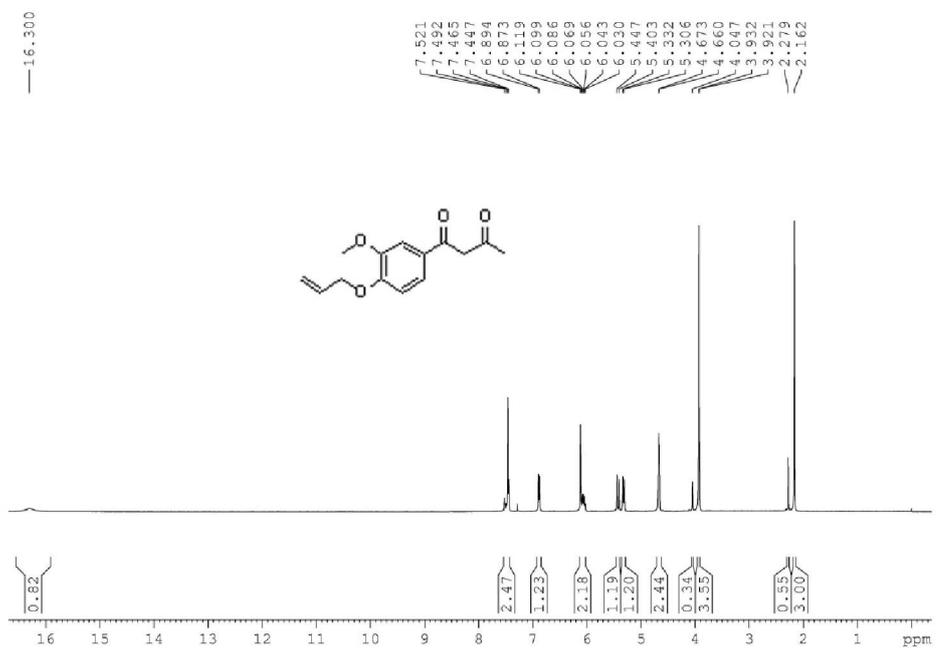
1-(4-Fluorophenyl)butane-1,3-dione(14d)



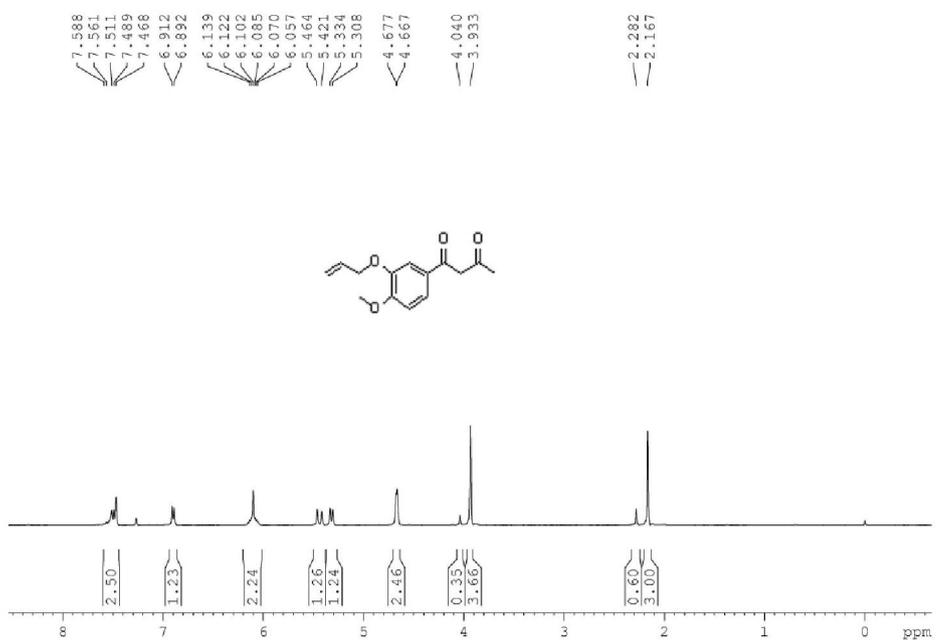
1-(3-Fluoro-4-methoxyphenyl)butane-1,3-dione(14e)



1-(4-(Allyloxy)-3-methoxyphenyl)butane-1,3-dione(14f)



1-(3-(Allyloxy)-4-methoxyphenyl)butane-1,3-dione(14g)



1-(4-Methoxy-3-nitrophenyl)butane-1,3-dione(14j)

