

Hydride-Induced Meisenheimer Complex Formation Reflects Activity of Nitro Aromatic Anti-Tuberculosis Compounds

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Table of Contents

¹ H NMR Deuterated MDL860 (17a, b) and Deuterated BTO (24).....	2
¹ H and ¹³ C NMR compound 23	3
¹ H and ¹³ C NMR compound 26	4
¹ H and ¹³ C NMR compound 27	5
¹ H and ¹³ C NMR compound 28	6
¹ H and ¹³ C NMR compound 29	7
¹ H and ¹³ C NMR compound 30	8
¹ H and ¹³ C NMR compound 31	9
¹ H and ¹³ C NMR compound 32	10
¹ H and ¹³ C NMR compound 33	11
¹ H and ¹³ C NMR compound 34	12
¹ H and ¹³ C NMR compound 35	13
¹ H and ¹³ C NMR compound 36	14
¹ H and ¹³ C NMR compound 39	15
¹ H and ¹³ C NMR compound 40	16
¹ H and ¹³ C NMR compound 41	17
¹ H and ¹³ C NMR compound 42	18
¹ H and ¹³ C NMR compound 43	19

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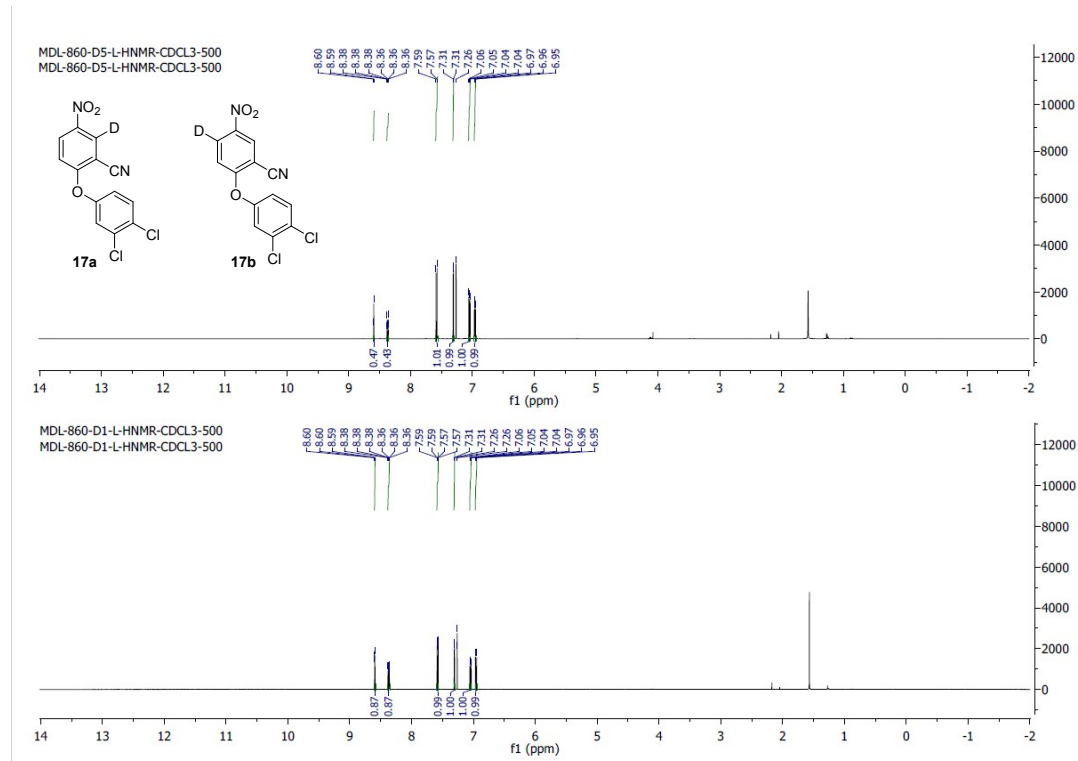
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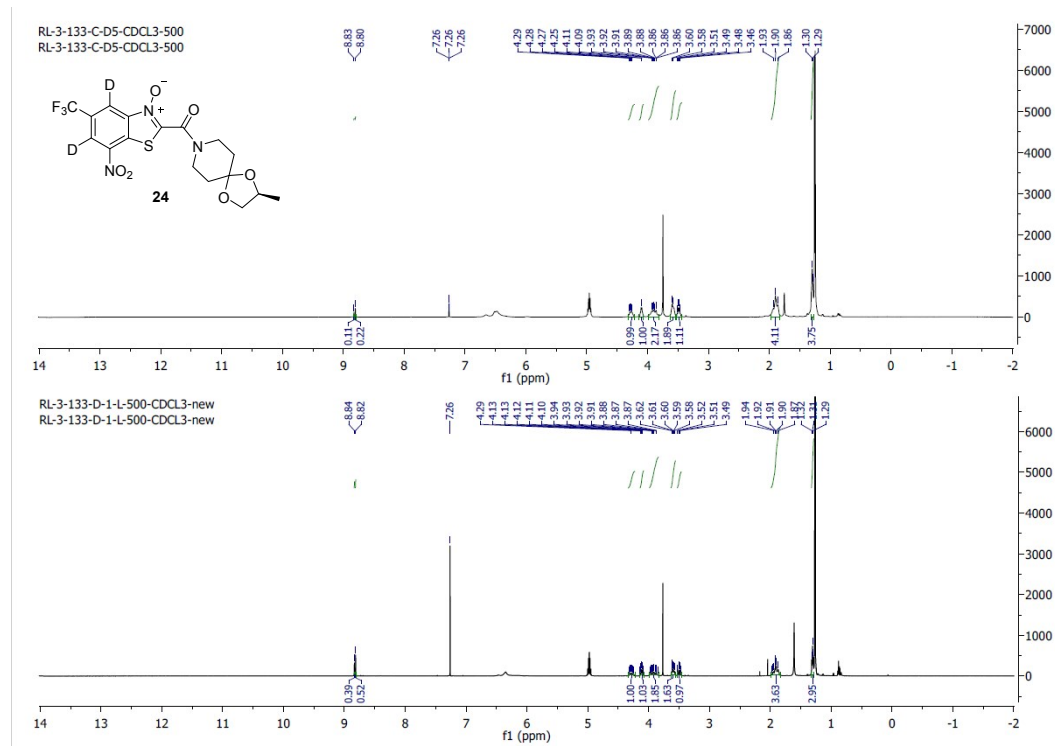
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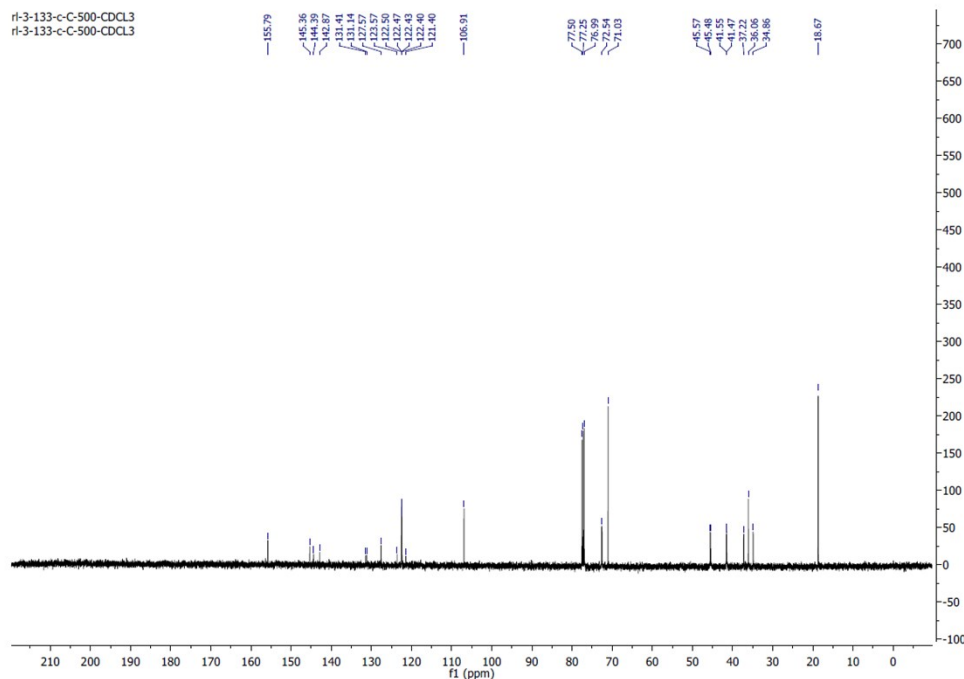
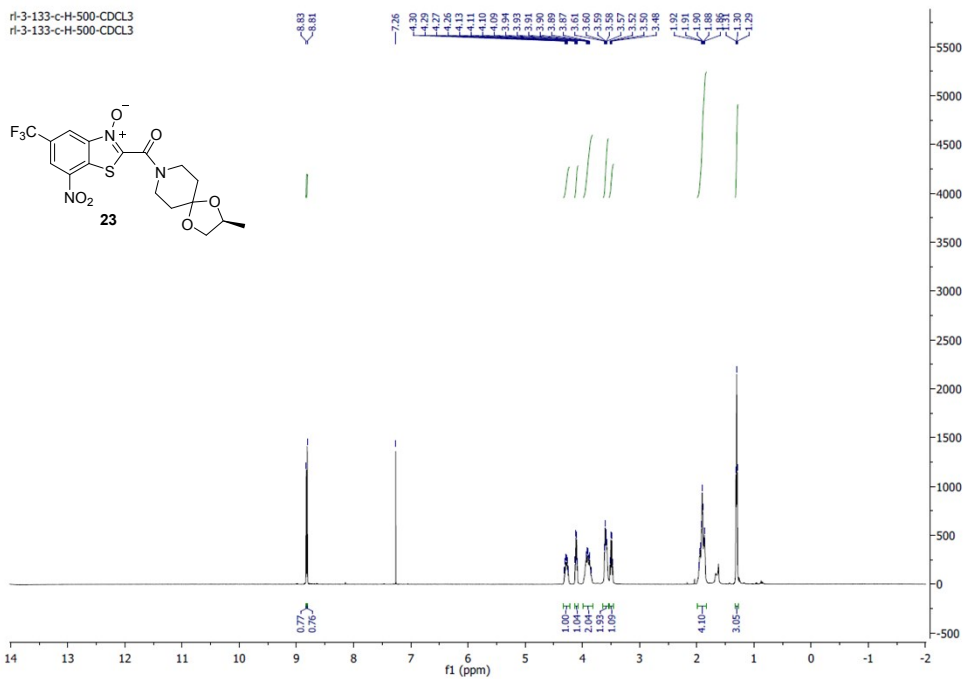
Deuterated MDL860 (17a, b)



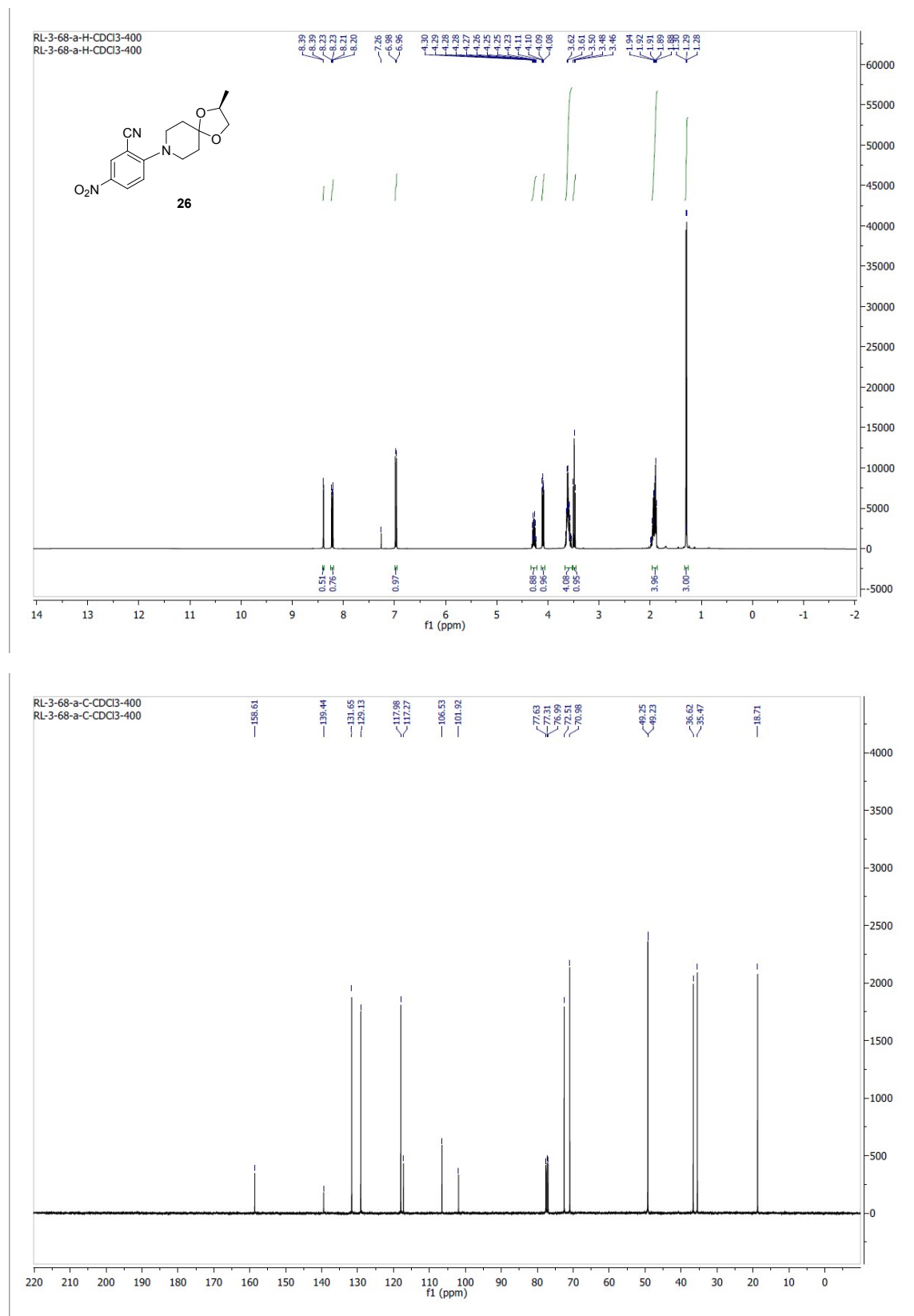
Deuterated BTO (24)



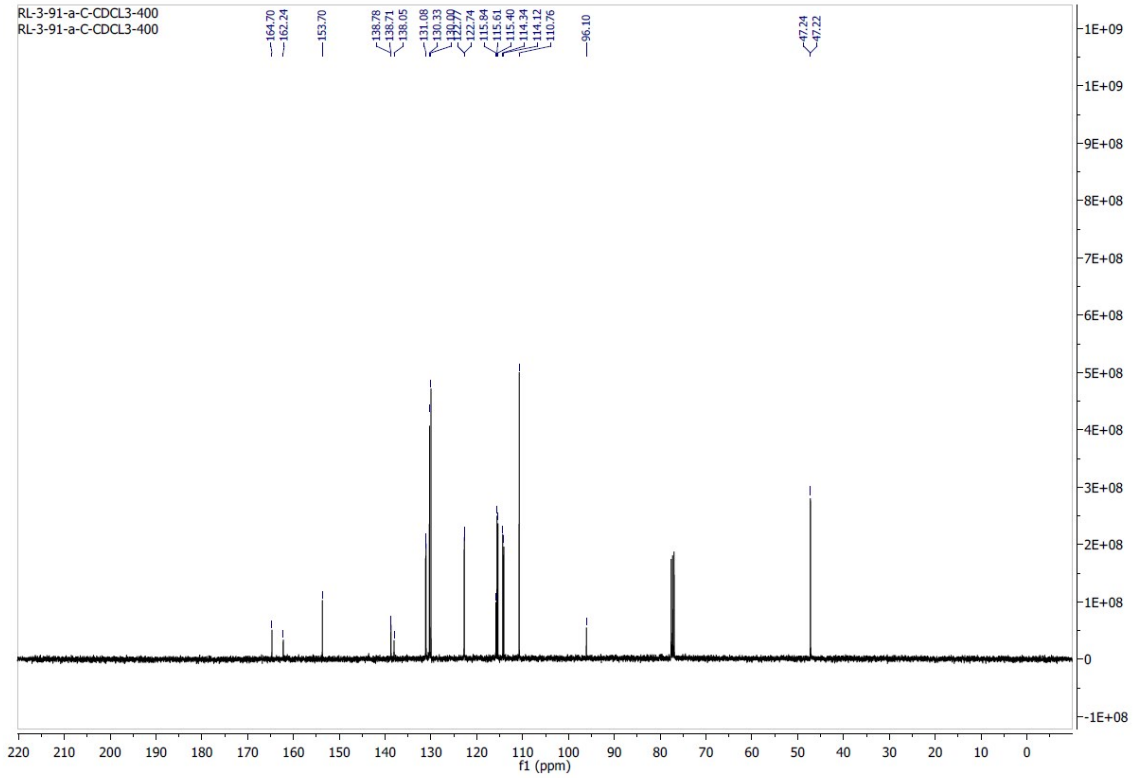
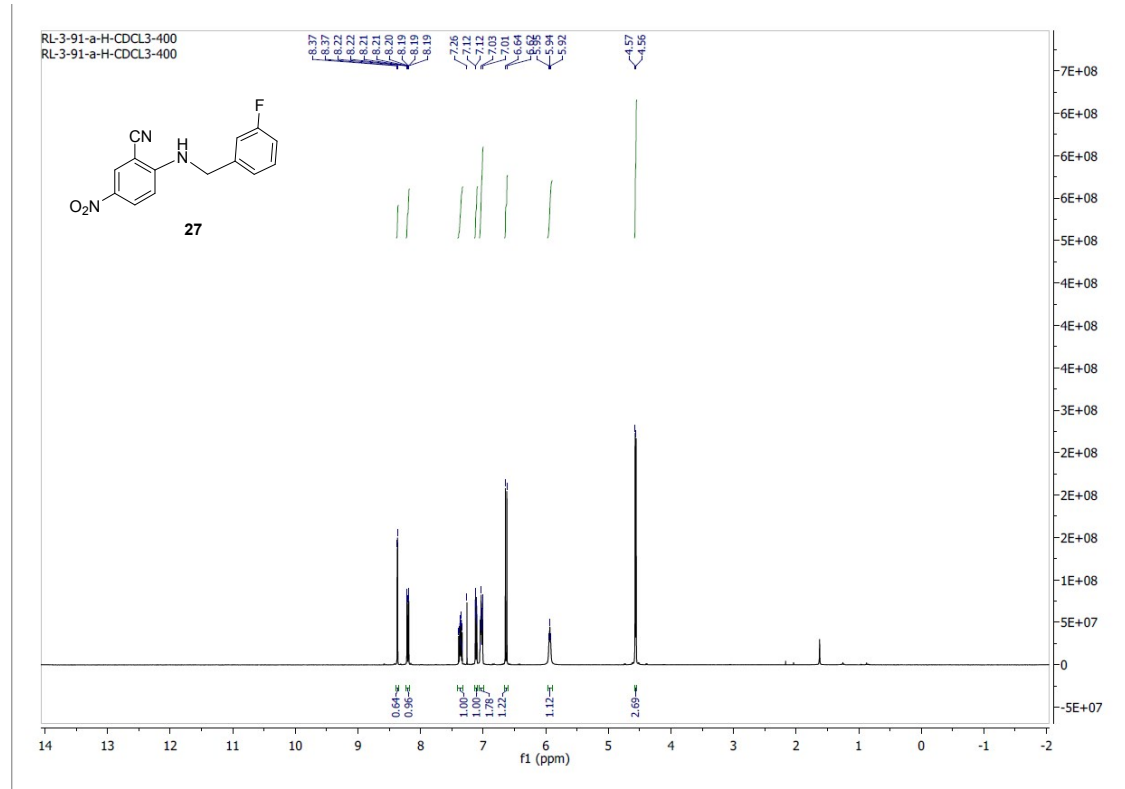
(S)-2-(2-methyl-1,4-dioxaspiro[4.5]decane-8-carbonyl)-7-nitro-5-(trifluoromethyl)benzo[d]thiazole 3-oxide (23)



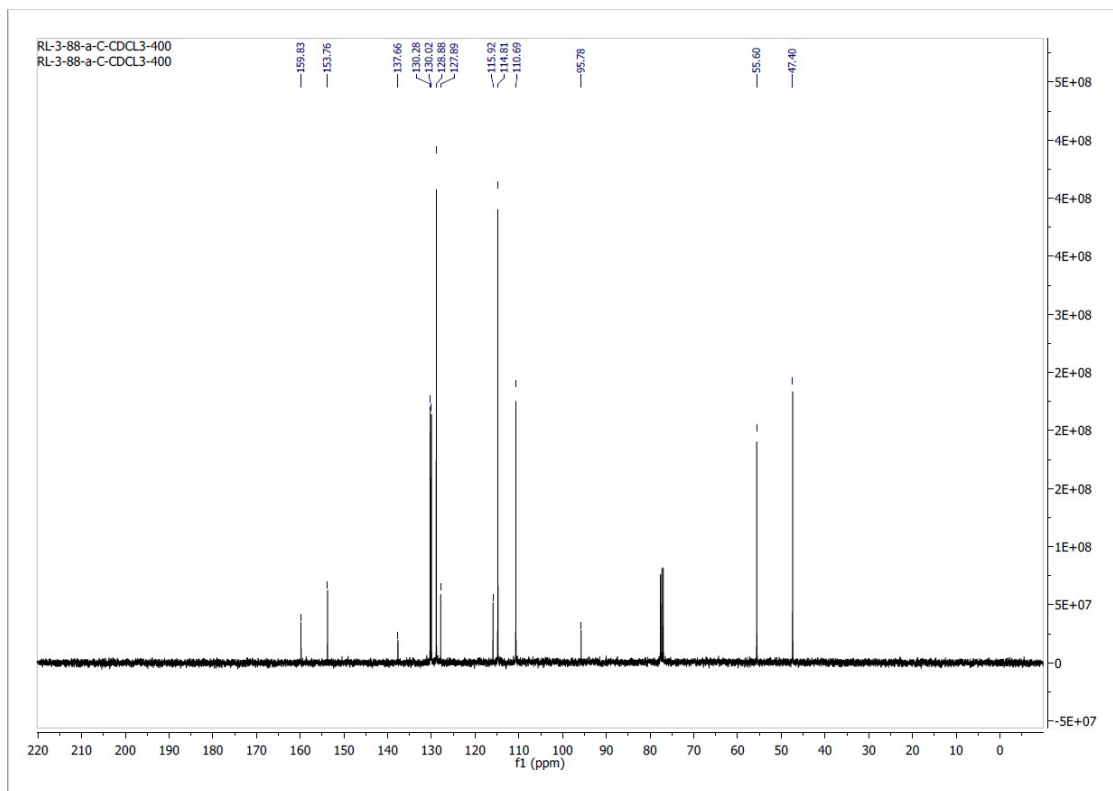
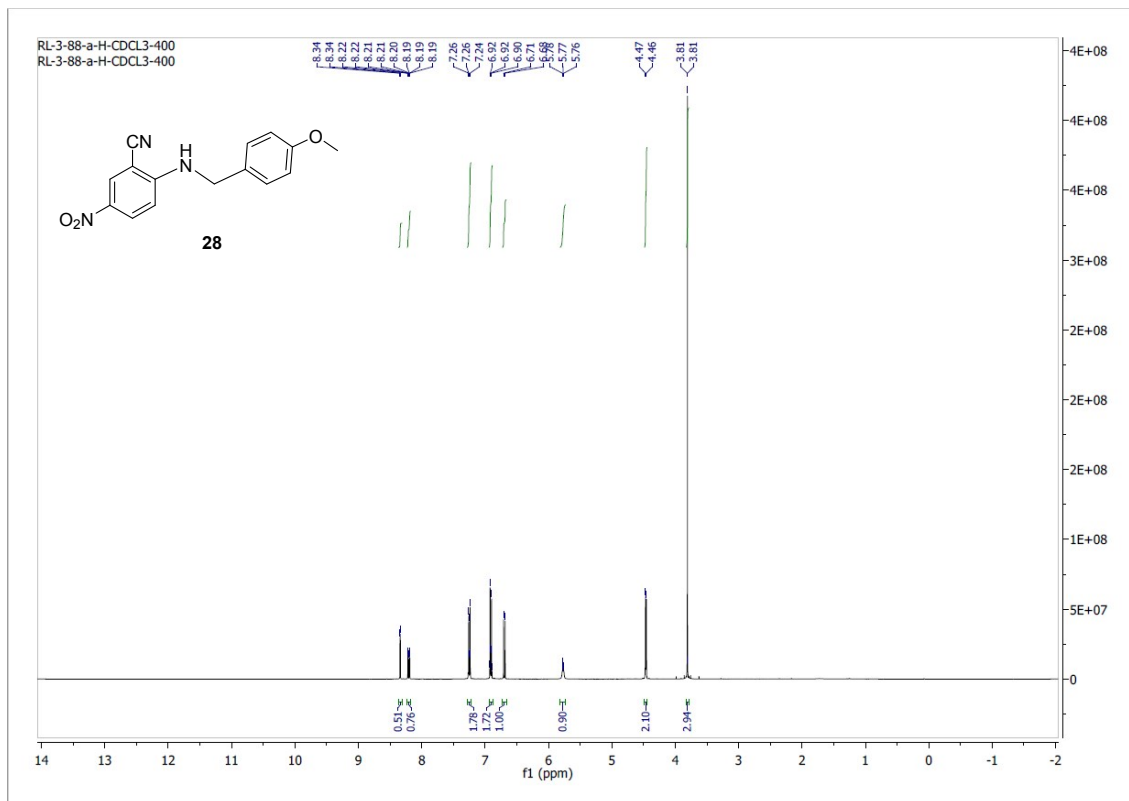
(S)-2-(2-Methyl-1,4-dioxaspiro[4.5]decan-8-yl)-5-nitrobenzonitrile (26)



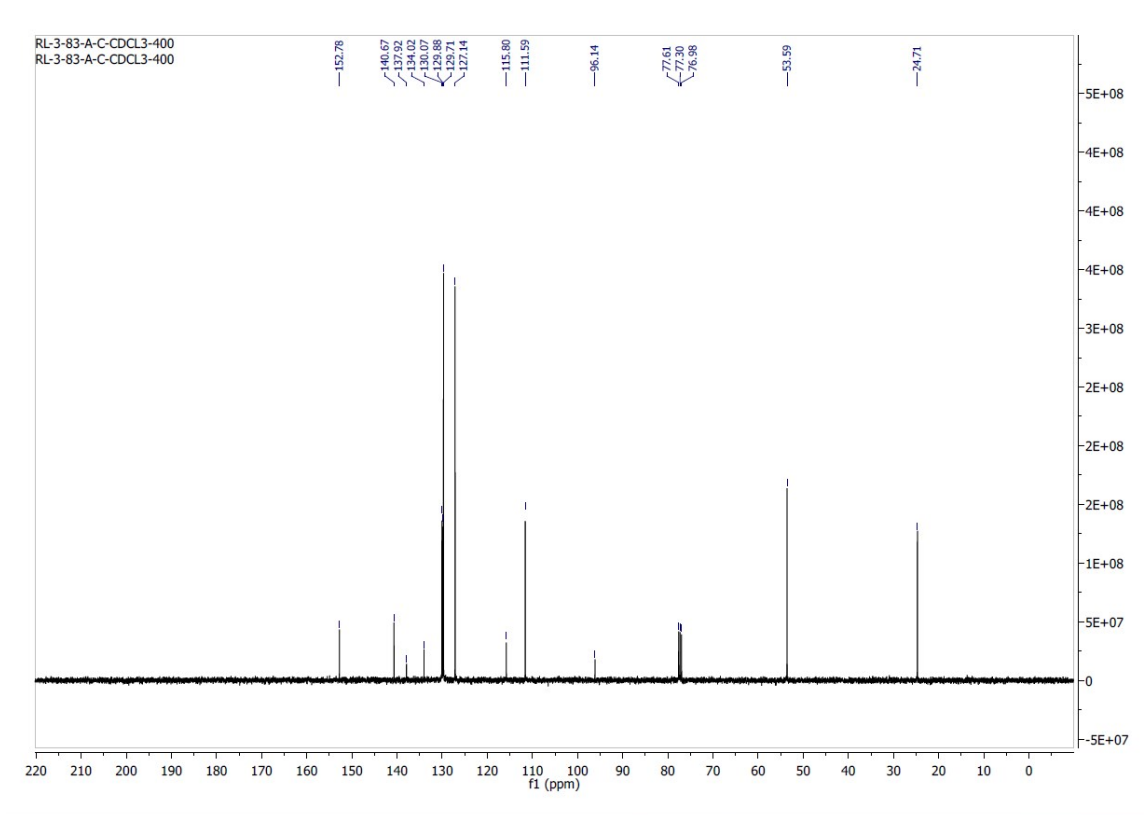
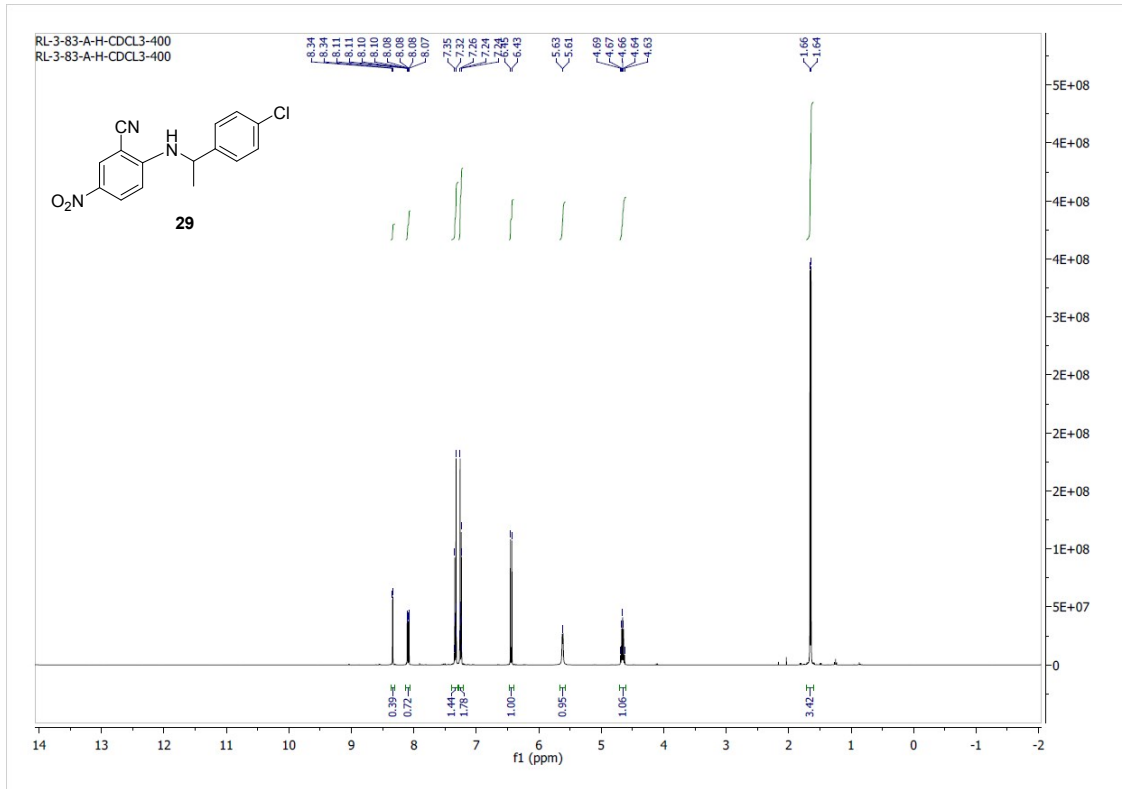
2-((3-Fluorobenzyl)amino)-5-nitrobenzonitrile (27)



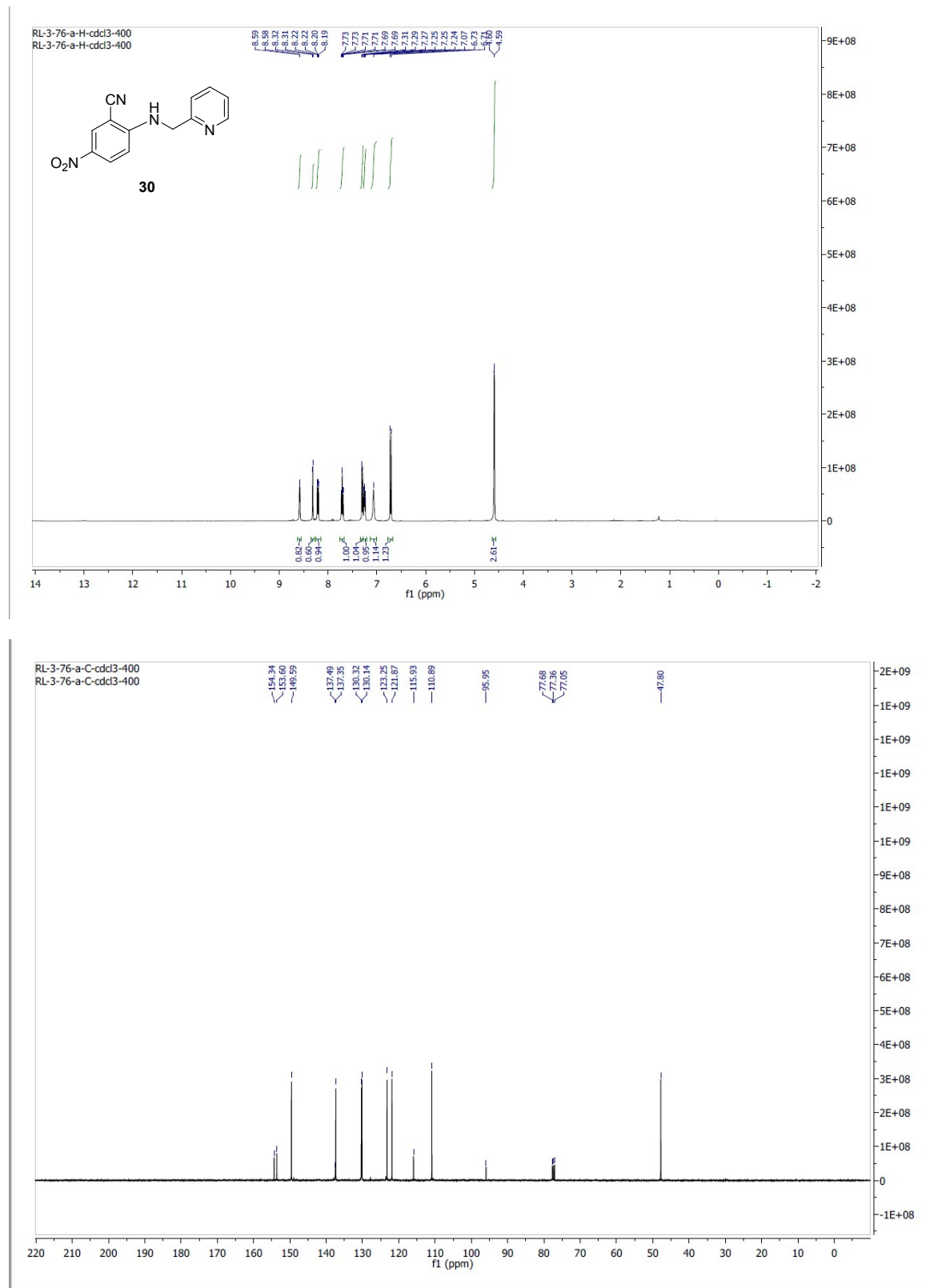
2-((4-Methoxybenzyl)amino)-5-nitrobenzonitrile (28)



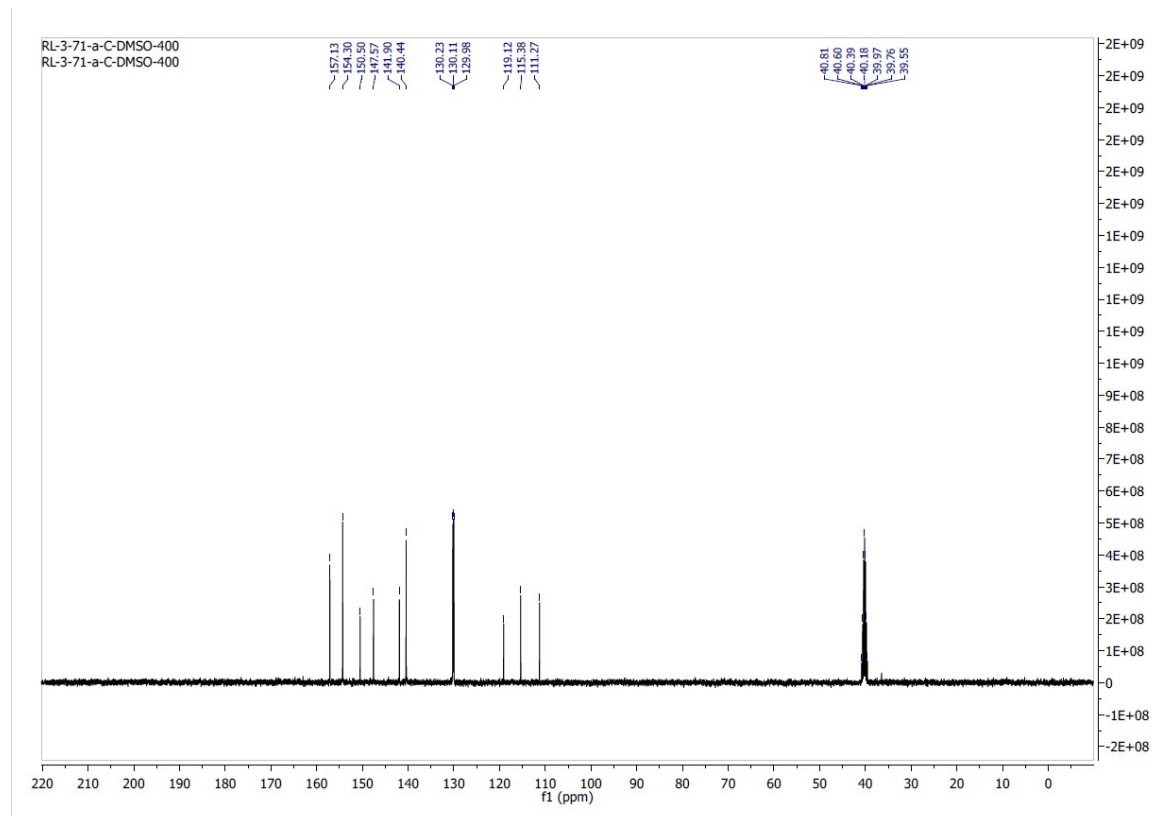
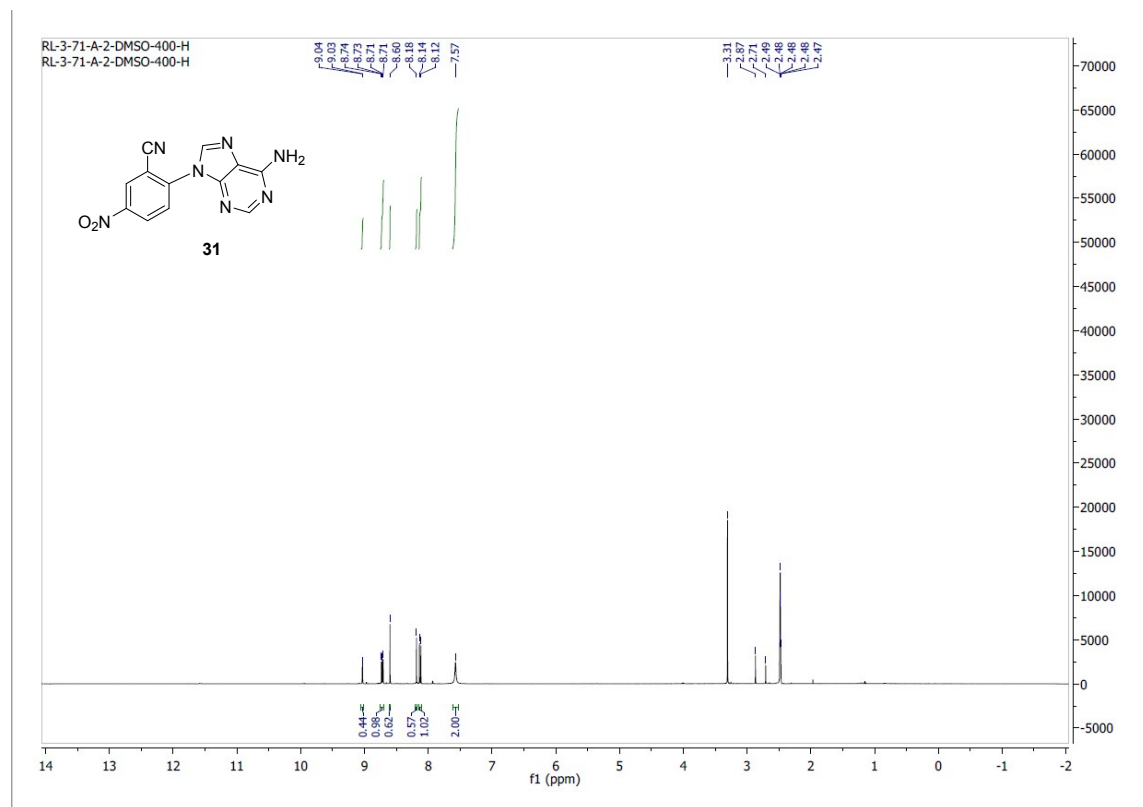
2-((1-(4-Chlorophenyl)ethyl)amino)-5-nitrobenzonitrile (29)



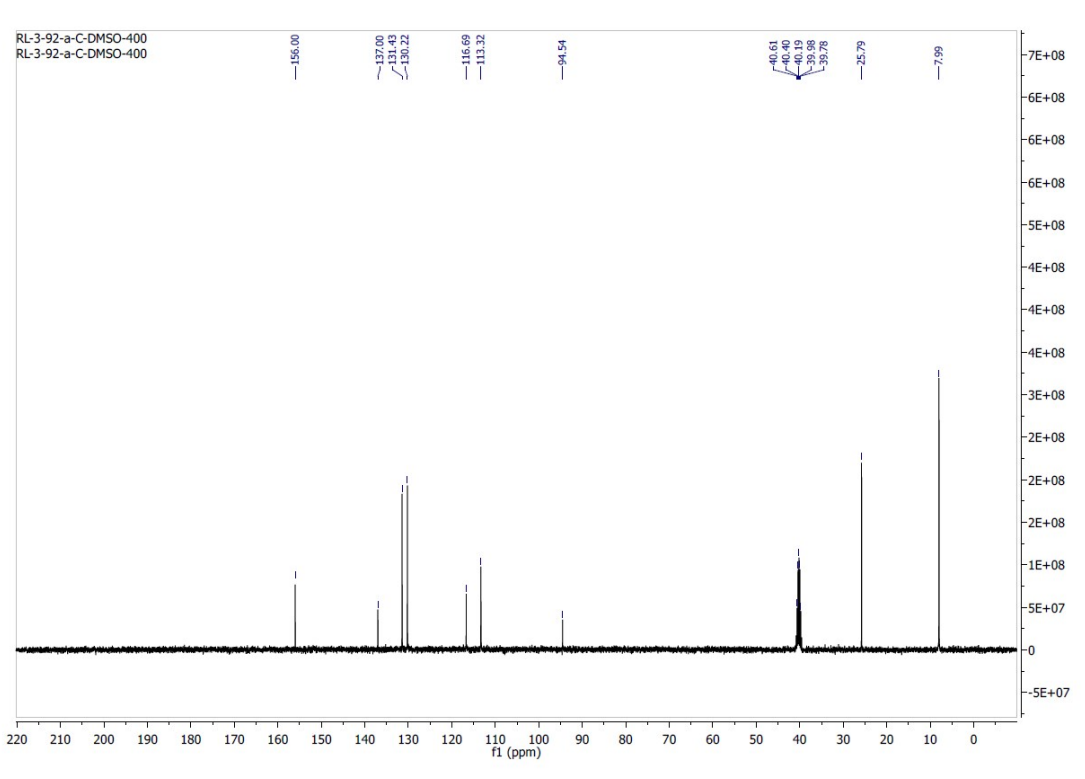
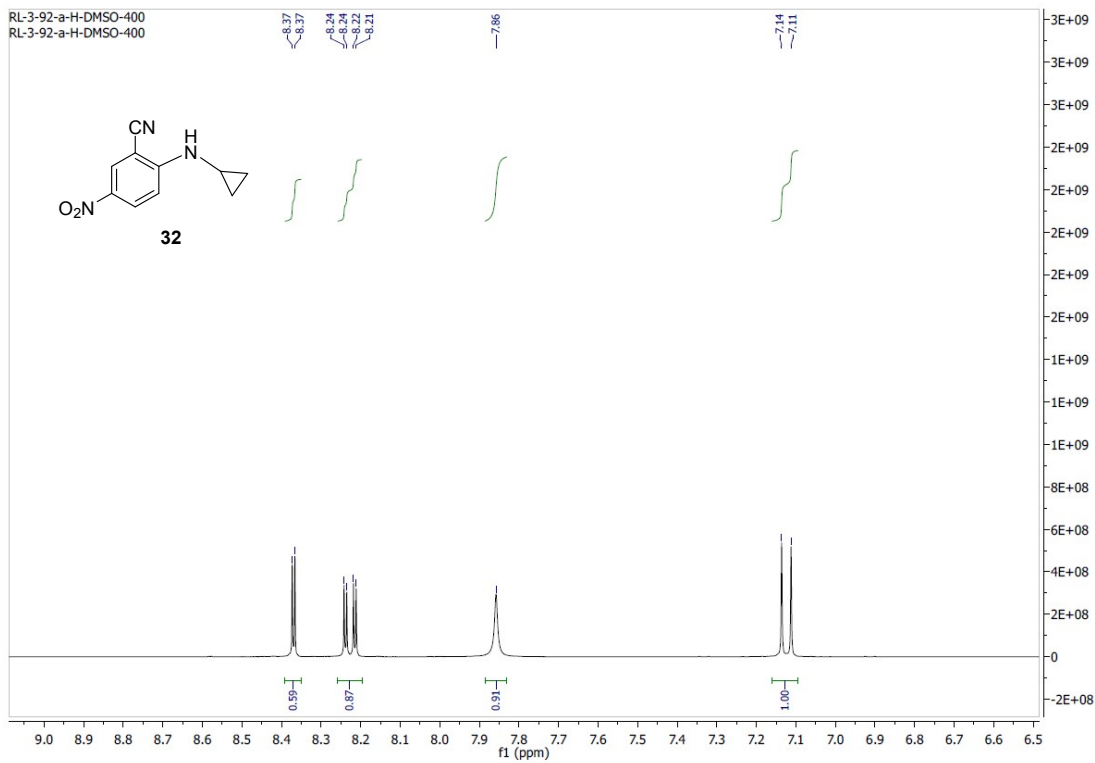
5-Nitro-2-((pyridin-2-ylmethyl)amino)benzonitrile (30)



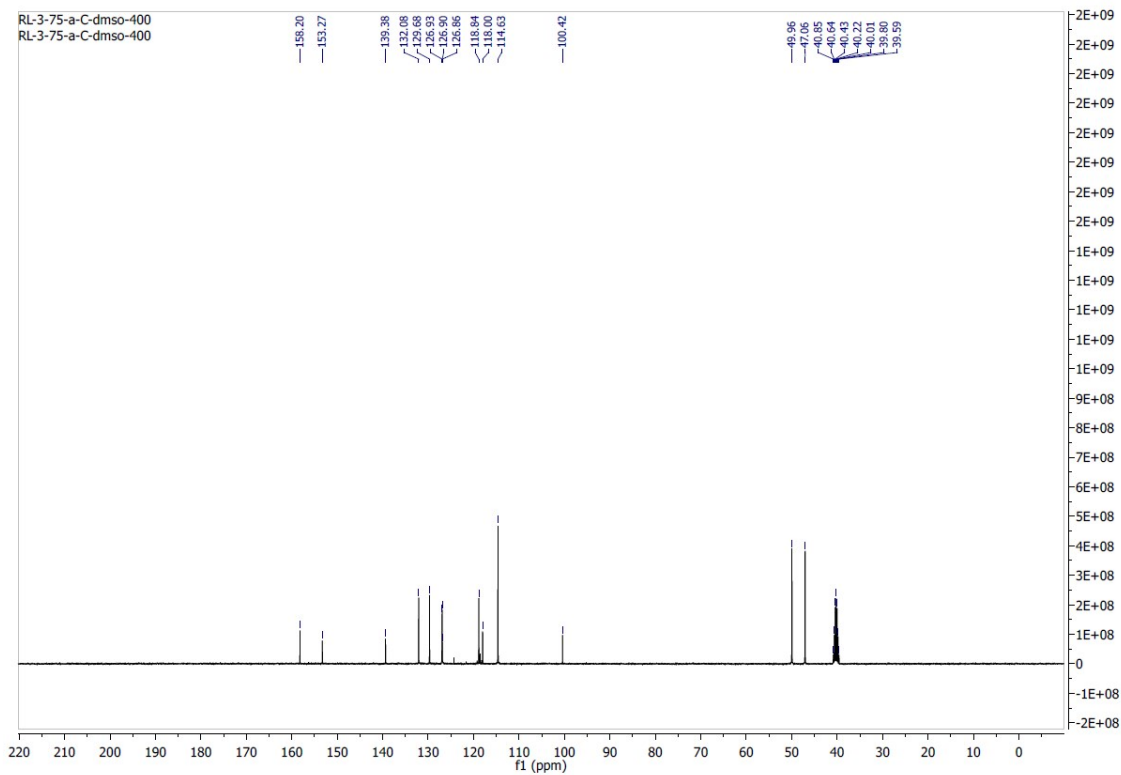
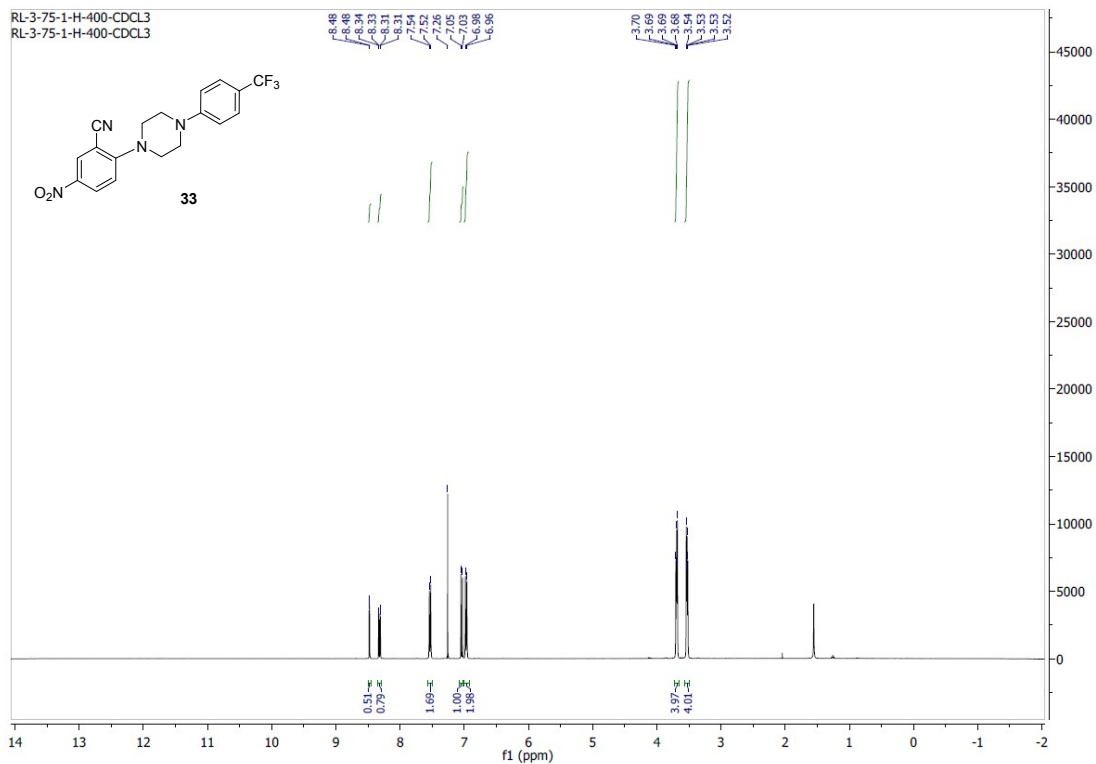
2-(6-Amino-9H-purin-9-yl)-5-nitrobenzonitrile (31)



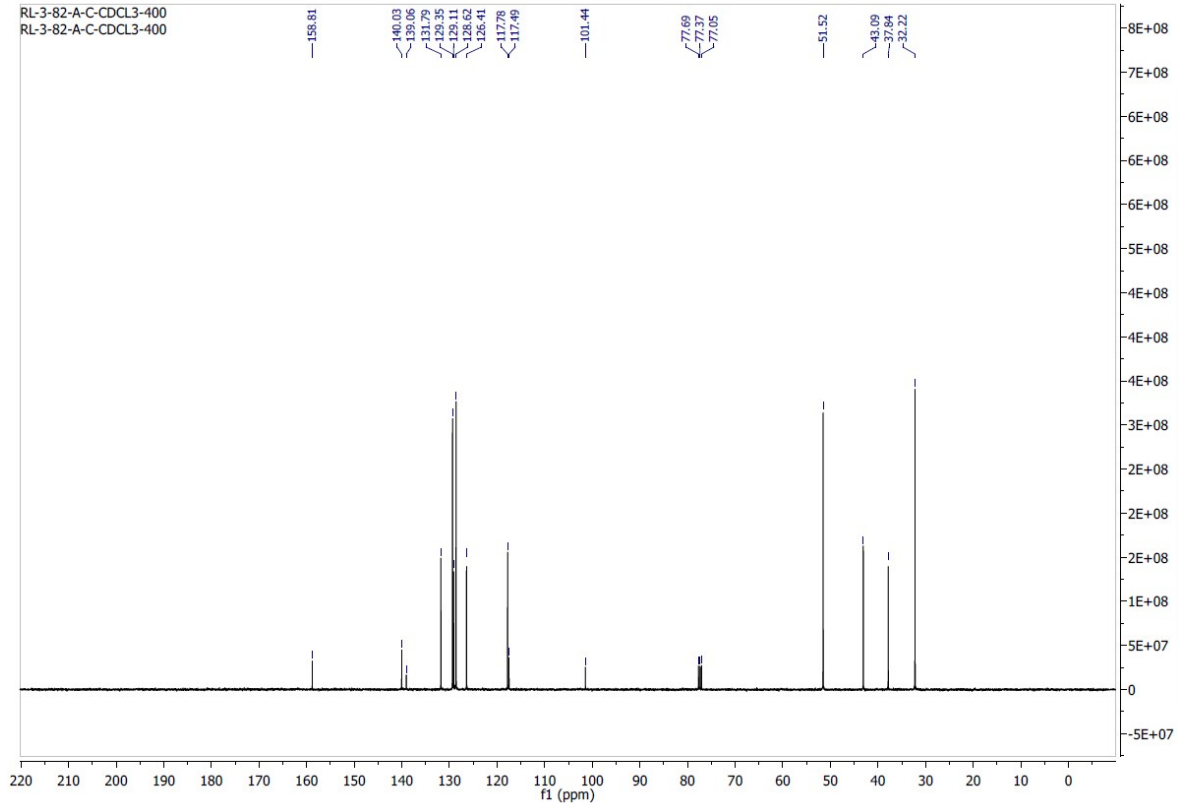
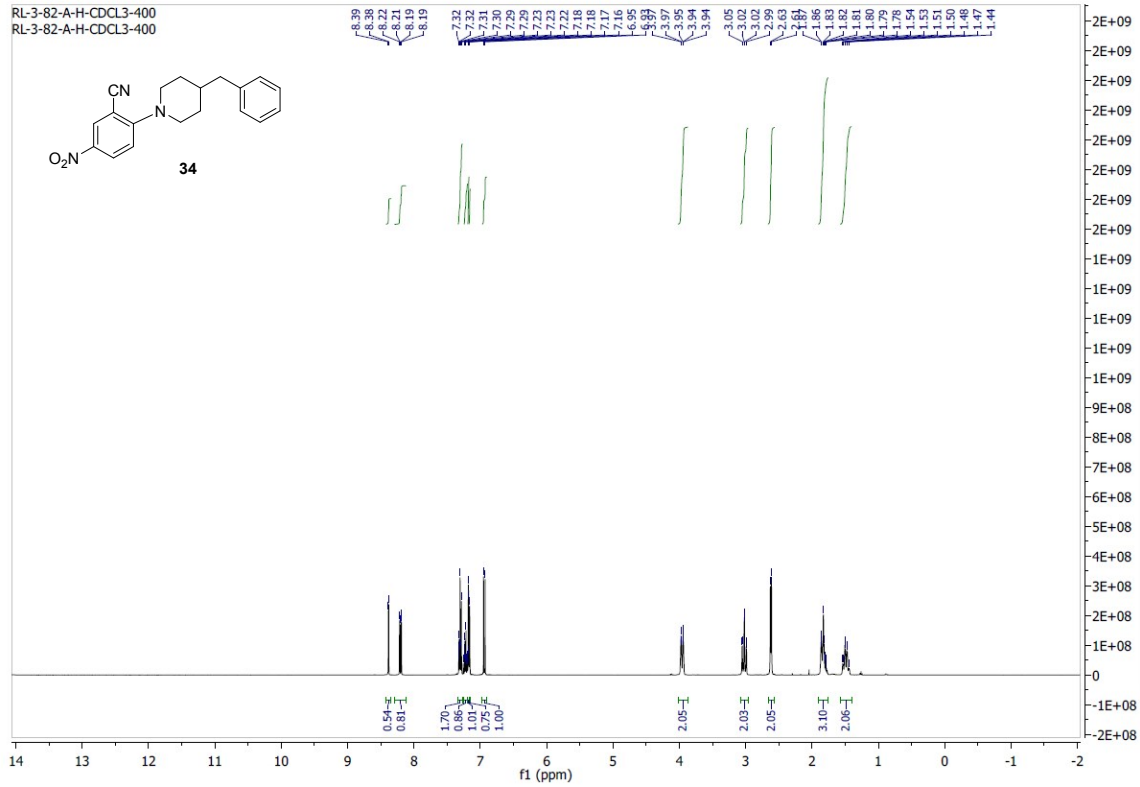
2-(Cyclopropylamino)-5-nitrobenzonitrile (32)



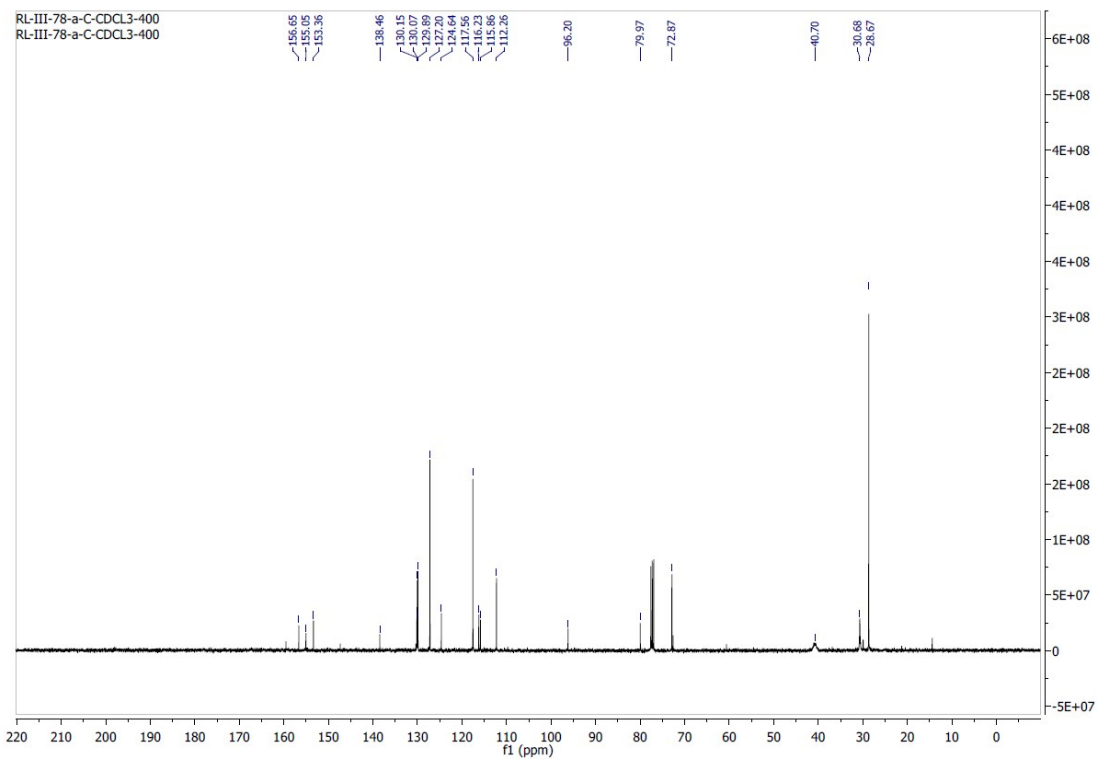
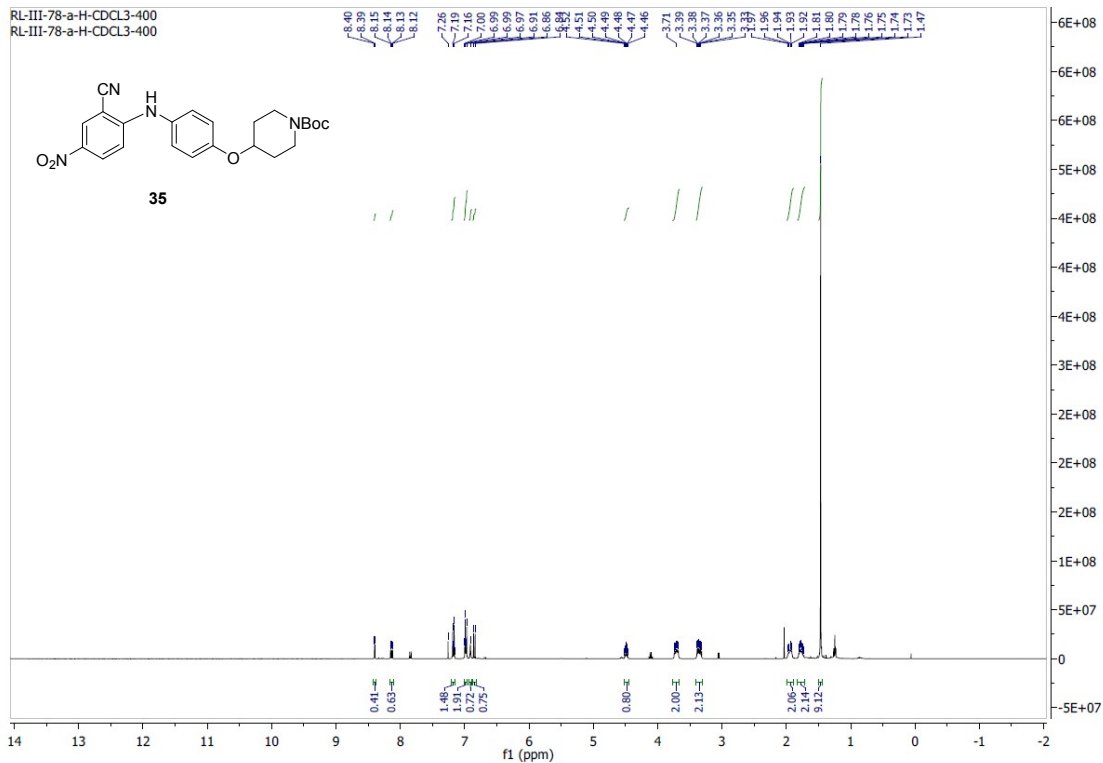
5-Nitro-2-(4-(4-(trifluoromethyl)phenyl)piperazin-1-yl)benzonitrile (33)



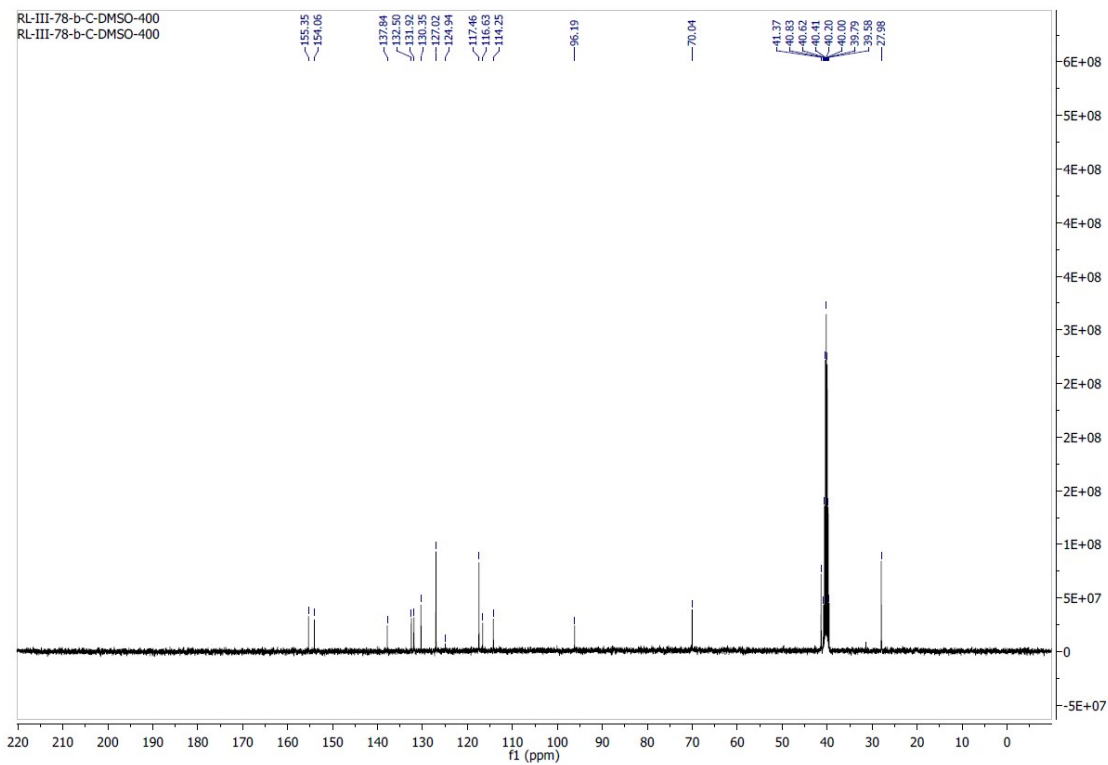
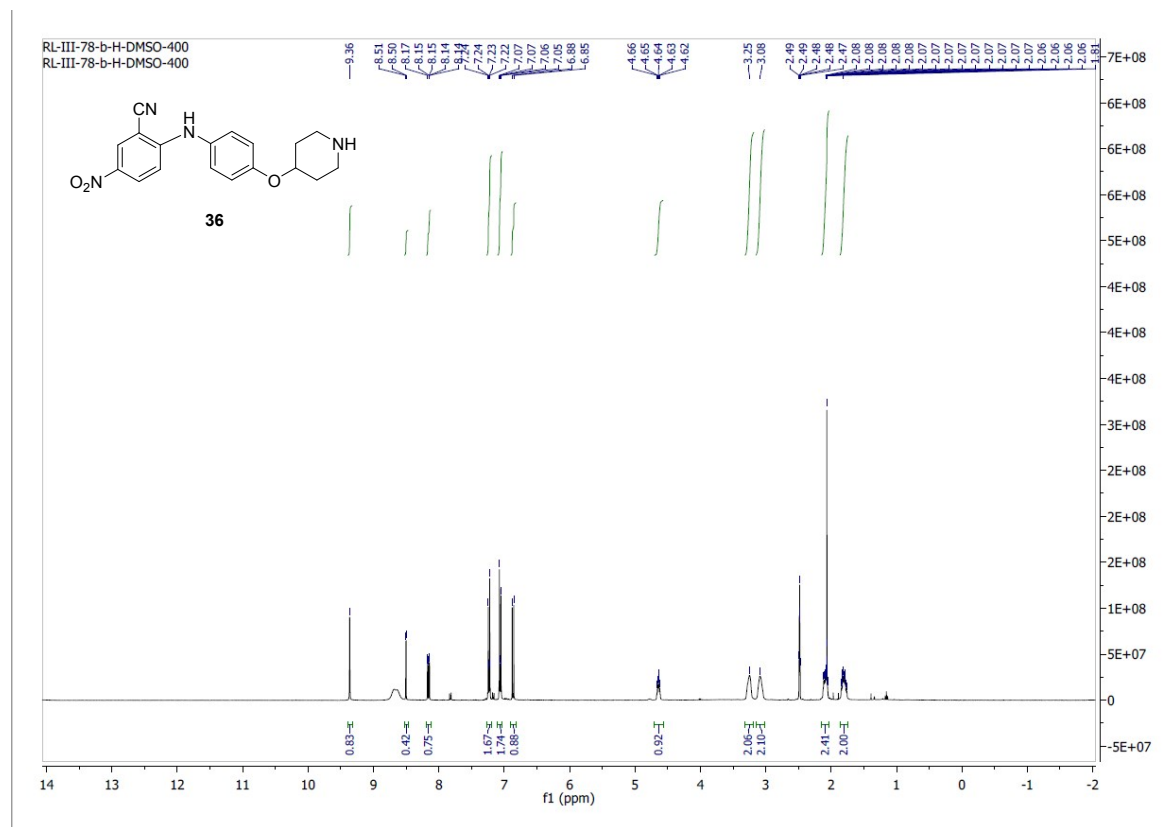
2-(4-Benzylpiperidin-1-yl)-5-nitrobenzonitrile (34)



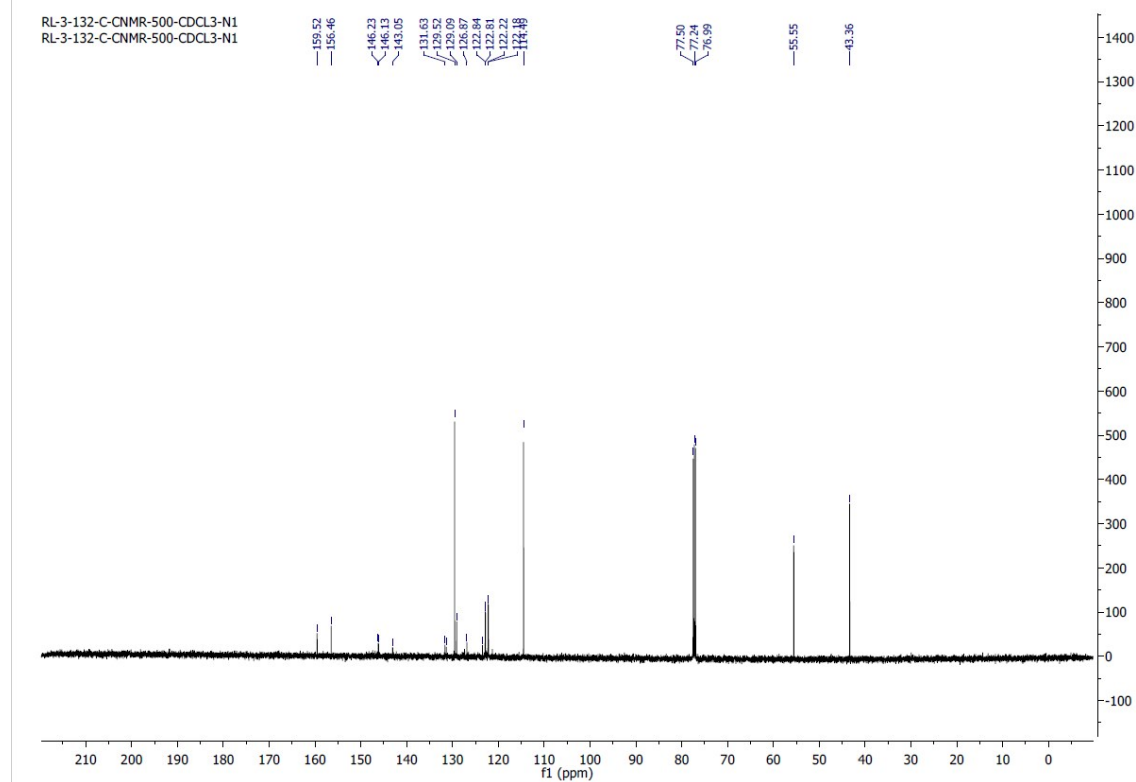
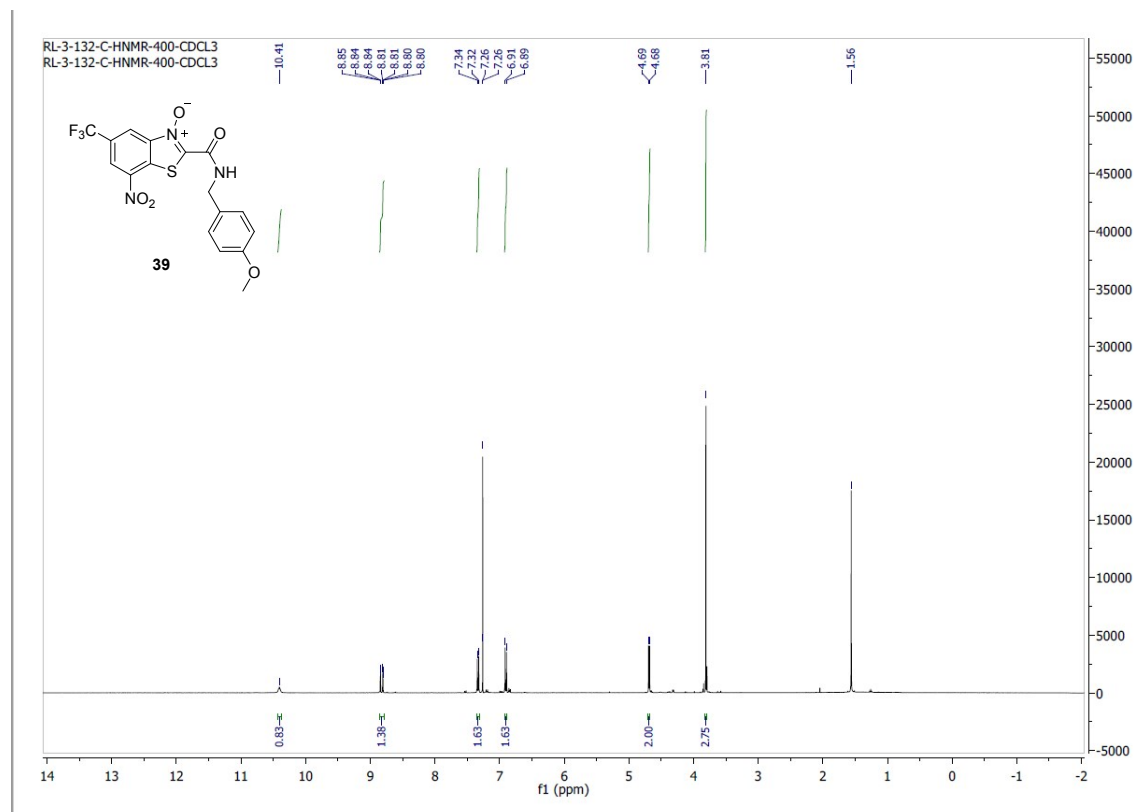
tert-Butyl 4-(4-((2-cyano-4-nitrophenyl)amino)phenoxy)piperidine-1-carboxylate (35)



5-Nitro-2-((4-(piperidin-4-yloxy)phenyl)amino)benzonitrile (36)

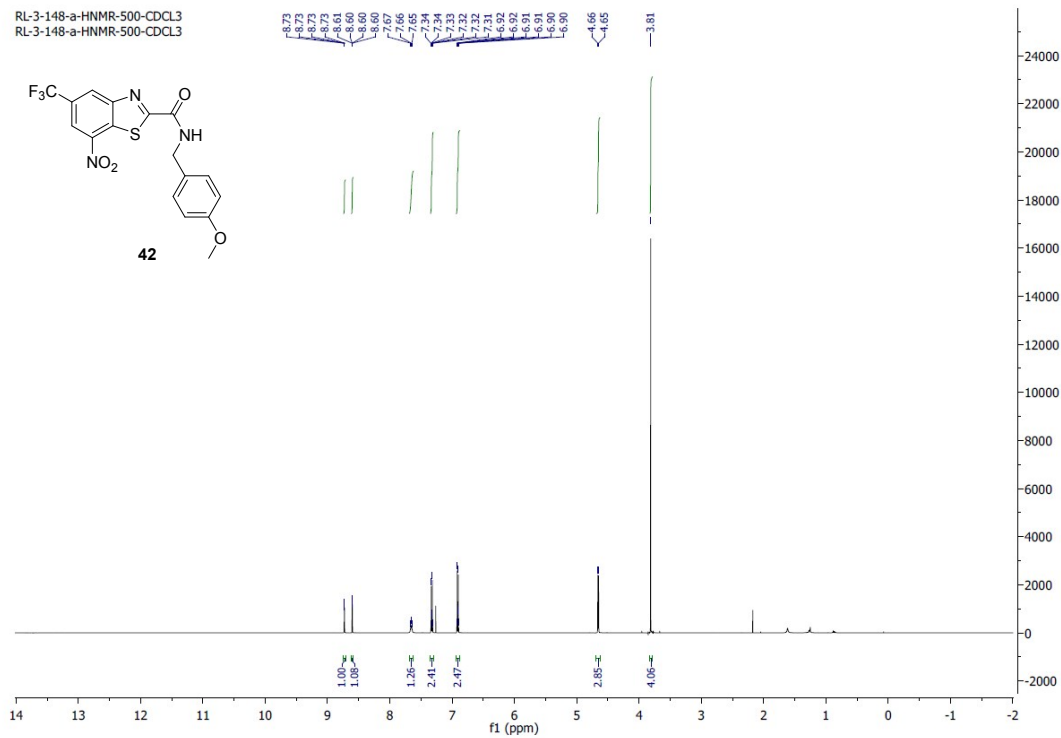
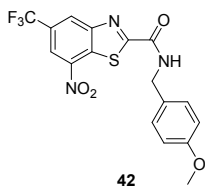


2-((4-Methoxybenzyl)carbamoyl)-7-nitro-5-(trifluoromethyl)benzo[d]thiazole 3-oxide (39)

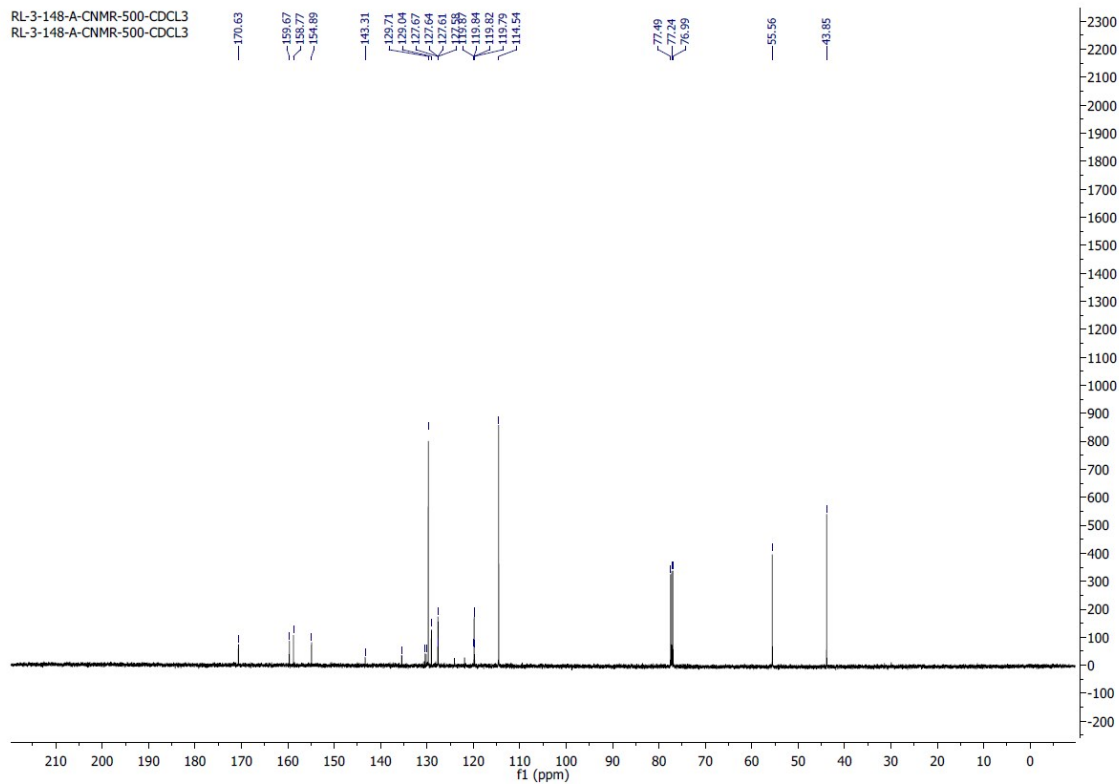


N-(4-methoxybenzyl)-7-nitro-5-(trifluoromethyl)benzo[d]thiazole-2-carboxamide (42)

RL-3-148-a-HNMR-500-CDCL3
RL-3-148-a-HNMR-500-CDCL3



RL-3-148-A-CNMR-500-CDCL3
RL-3-148-A-CNMR-500-CDCL3



7-Nitro-N-(4-(4-(4-(trifluoromethoxy)phenyl)piperidin-1-yl)benzyl)-5-(trifluoromethyl)benzo[d]thiazole-2-carboxamide (43)

