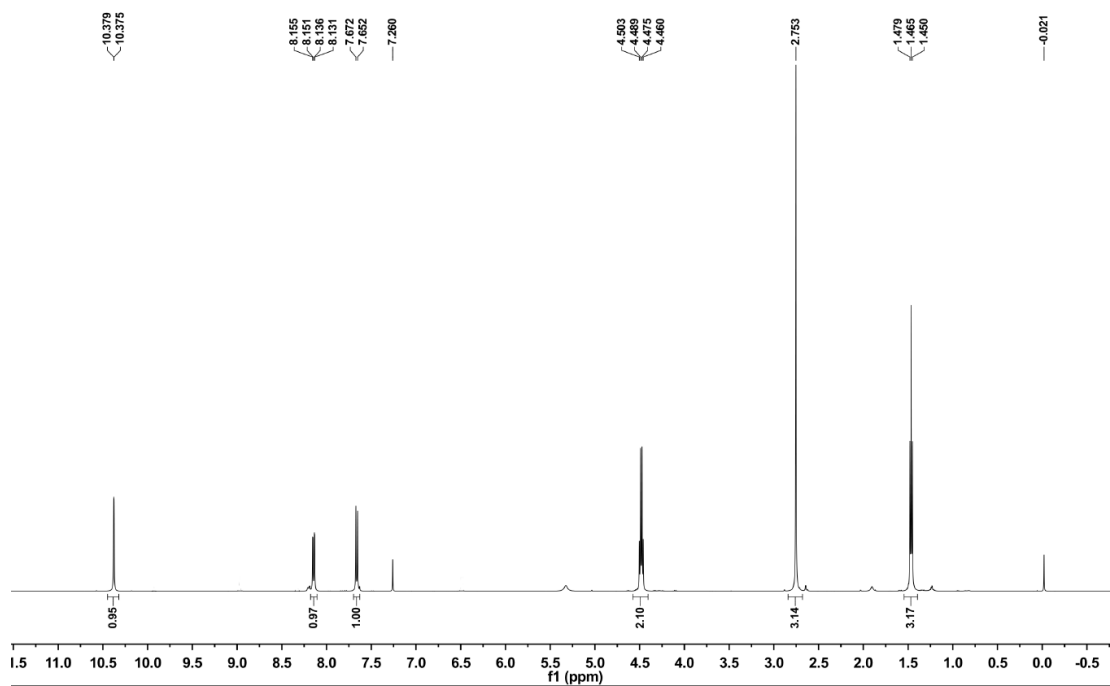


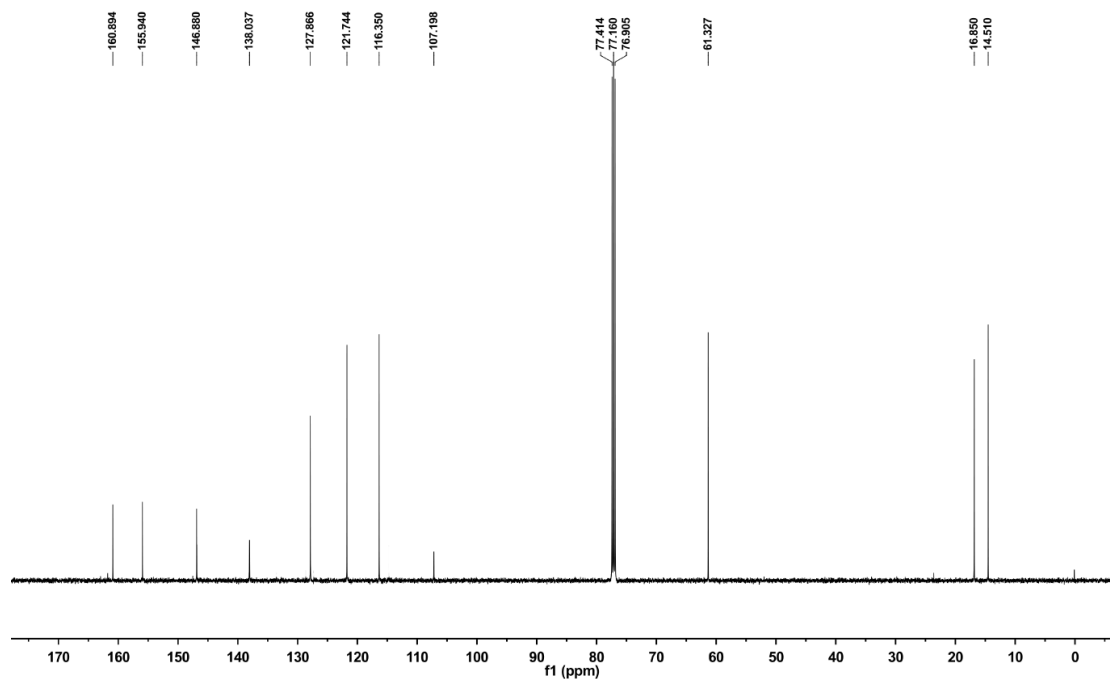


**Ethyl 2-methyl-6-nitroimidazo[1,2-a]pyridine-3-carboxylate (3b)**

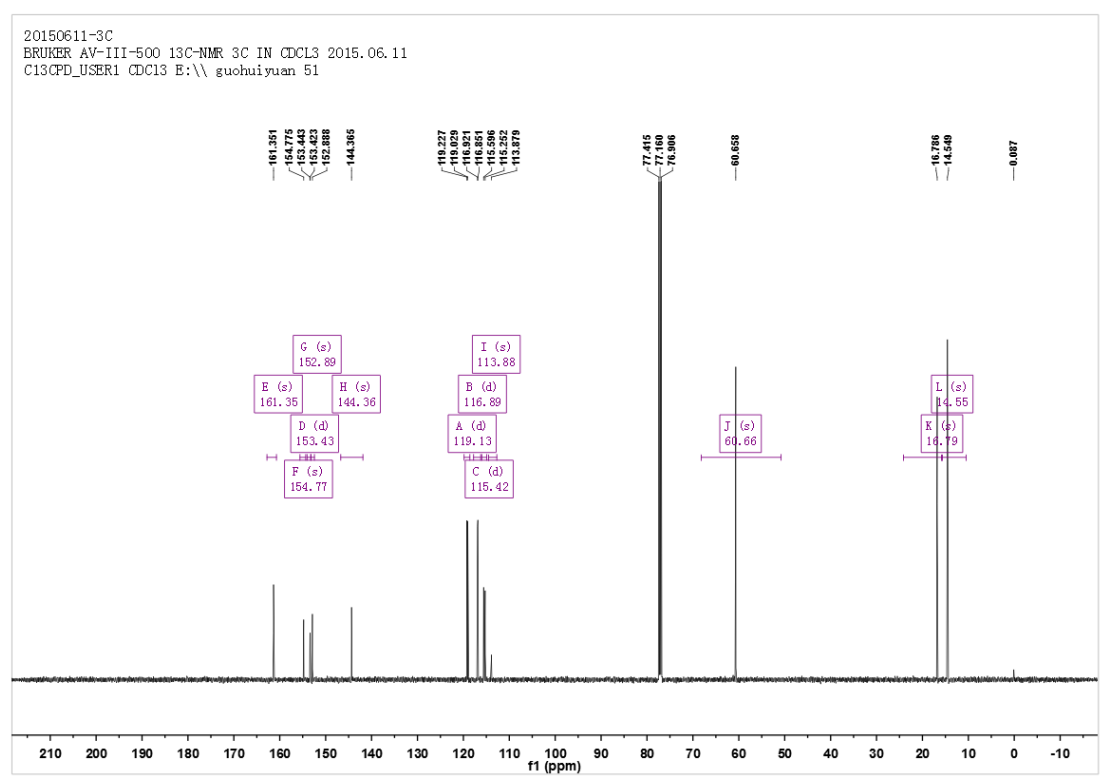
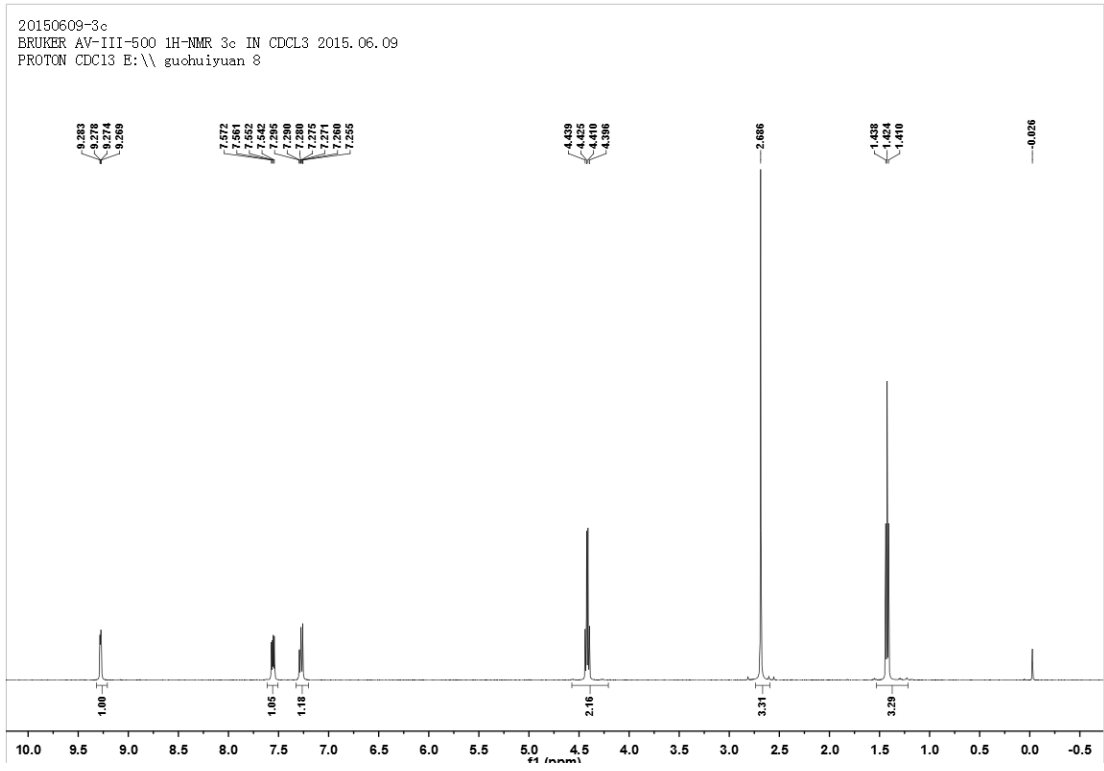
20150615-3b  
BRUKER AV-III-500 1H-NMR 3b IN CDCL3 2015.06.15  
PROTON CDC13 E:\ guohuiyuan 32



20150615-3b  
BRUKER AV-III-500 13C-NMR 3b IN CDCL3 2015.06.15  
C13CPD\_USER1 CDC13 E:\ guohuiyuan 32

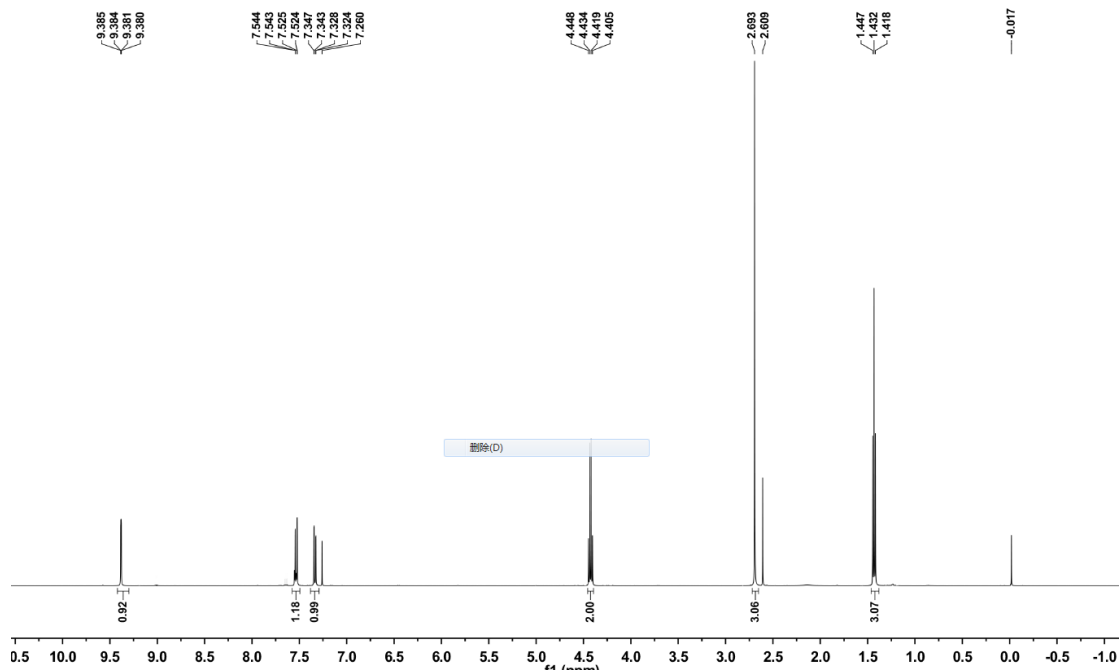


**ethyl 6-fluoro-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3c)**

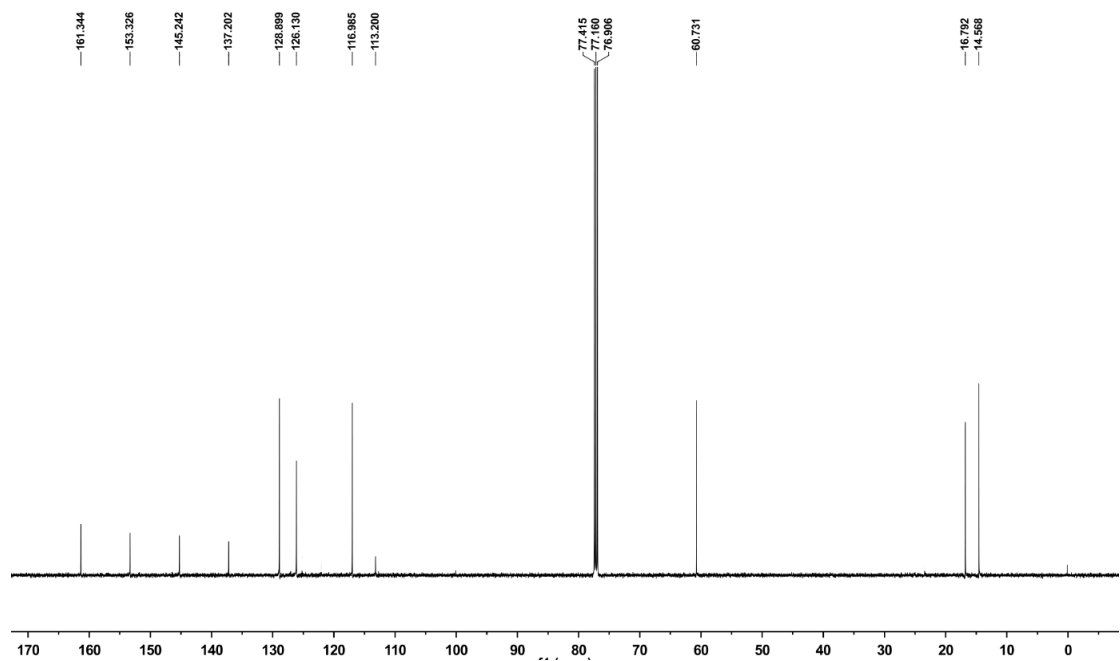


*ethyl 6-chloro-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3d)*

20150611-3d  
BRUKER AV-III-500 1H-NMR 3d IN CDCL3 2015.06.11  
PROTON CDC13 E:\ guohuiyuan 48

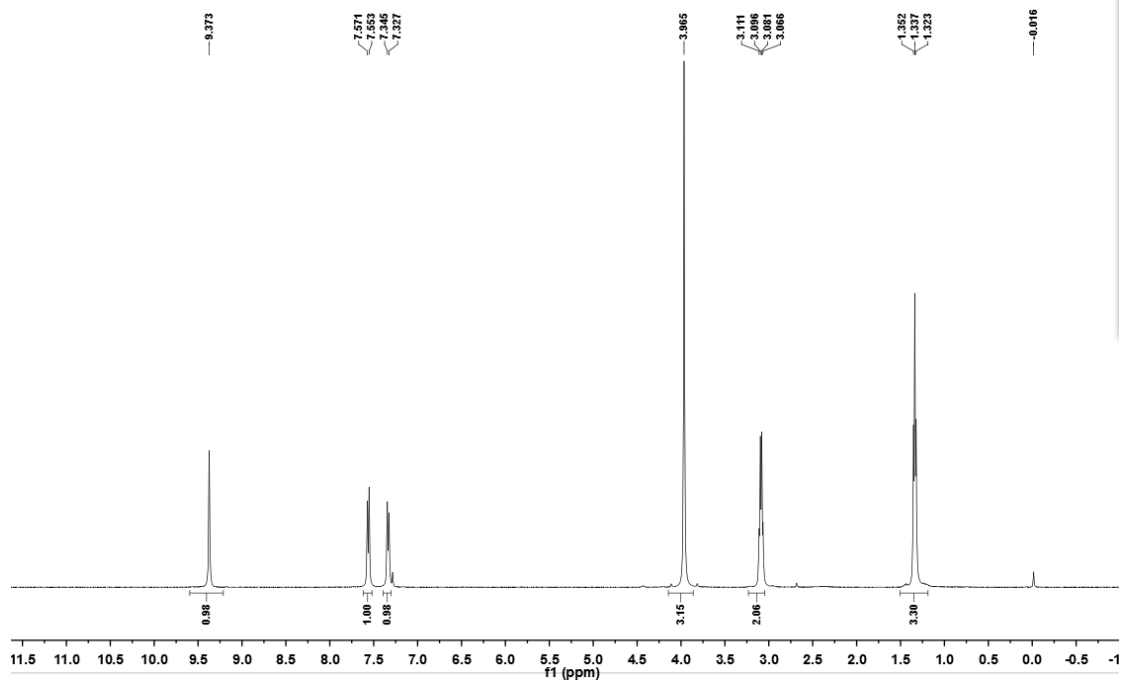


20150611-3d  
BRUKER AV-III-500 13C-NMR 3d IN CDCL3 2015.06.11  
C13CPD\_USER1 CDC13 E:\ guohuiyuan 48

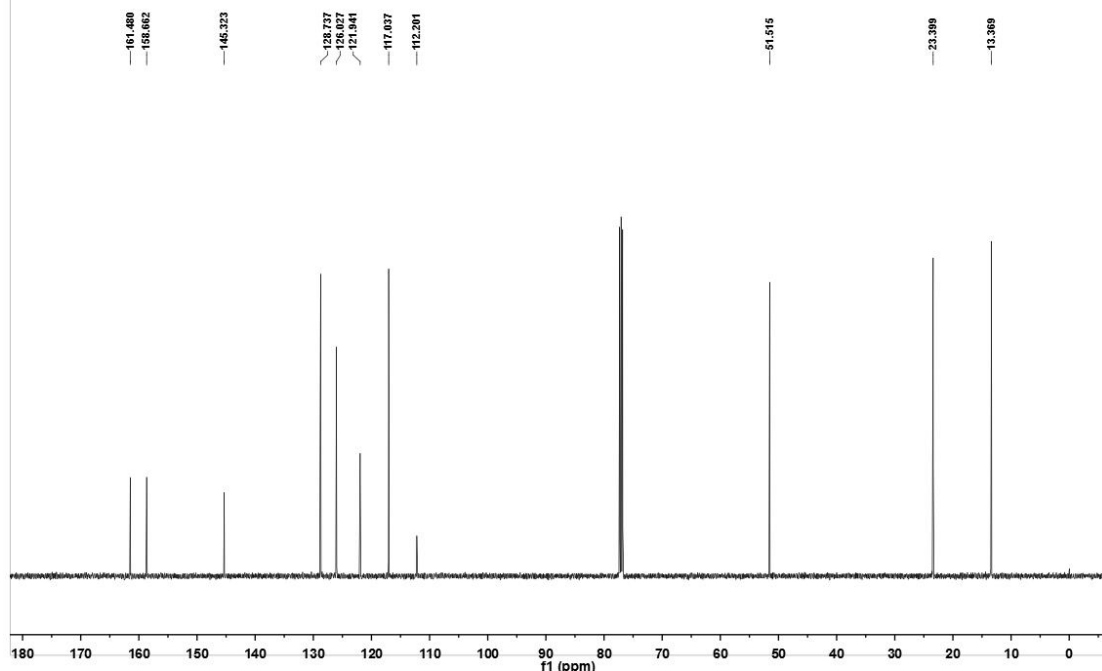


*ethyl 6-bromo-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3e)*

20150610-3e  
BRUKER AV-III-500 1H-NMR 3t IN CDCL3 2015.06.10  
PROTON CDCL3 E:\ guohuiyuan 8

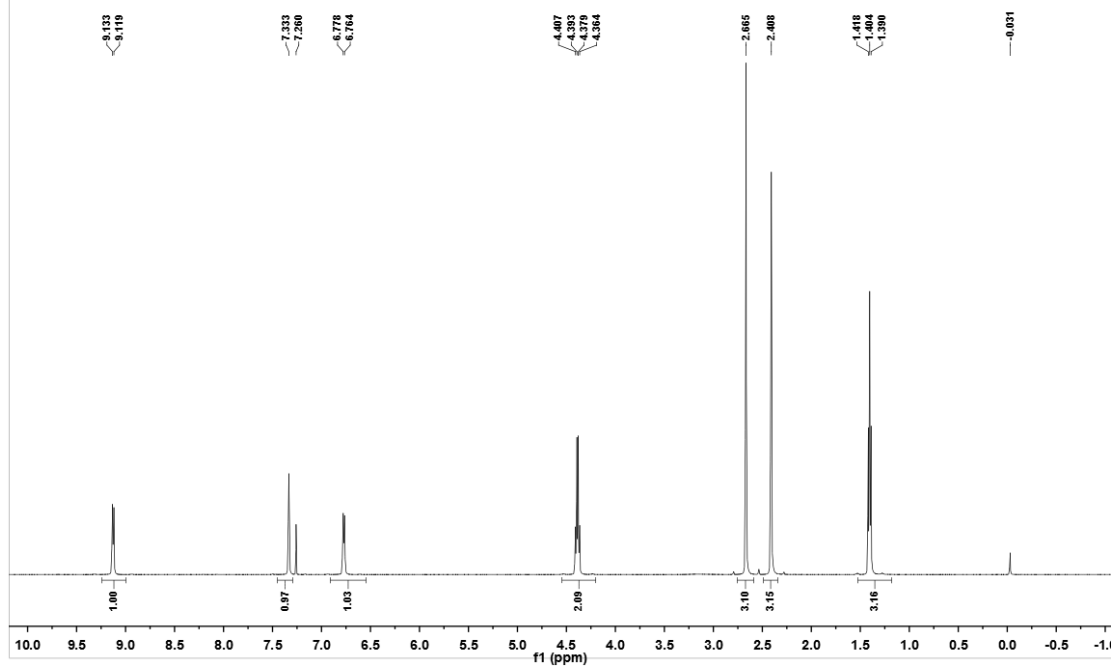


20150610-3e  
BRUKER AV-III-500 13C-NMR 3t IN CDCL3 2015.06.10  
C13CPD\_USER1 CDCL3 E:\ guohuiyuan 8



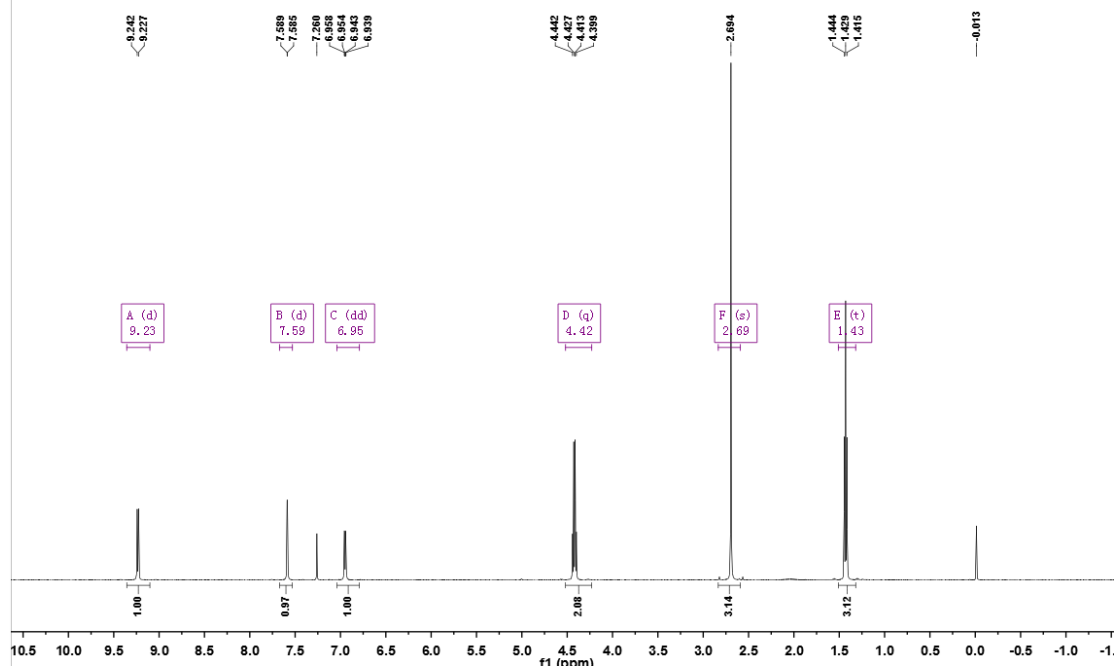
*ethyl 2,7-dimethylimidazo[1,2-a]pyridine-3-carboxylate (3f)*

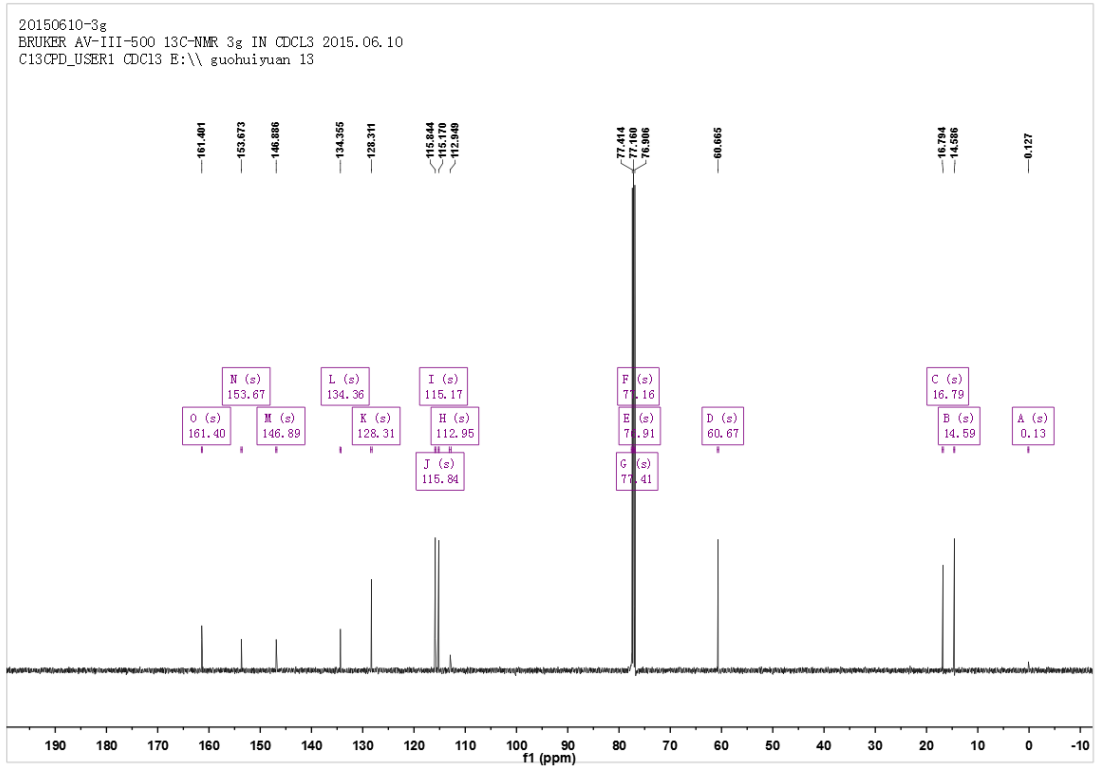
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BRUKER AV-III-500 1H-NMR 3f IN CDCL3 2015.06.10  
PROTON CDC13 E:\\ guohuiyuan 9



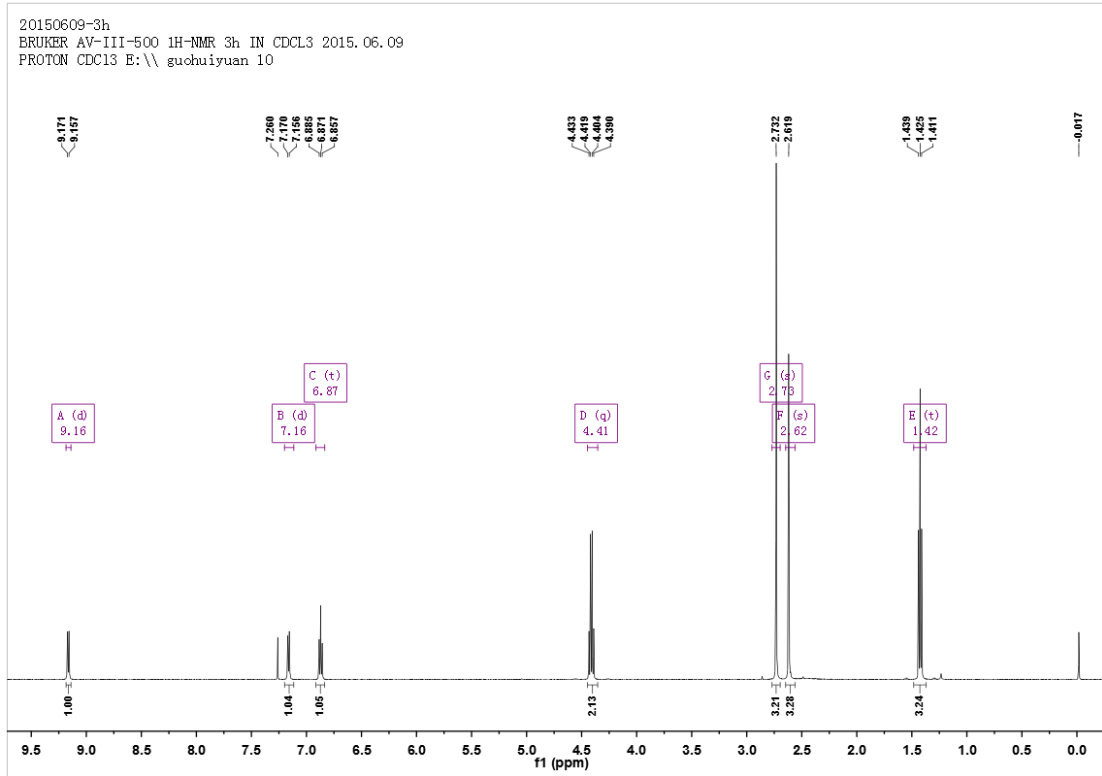
*ethyl 7-chloro-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3g)*

20150610-3g  
BRUKER AV-III-500 1H-NMR 3g IN CDCL3 2015.06.10  
PROTON CDC13 E:\\ guohuiyuan 13

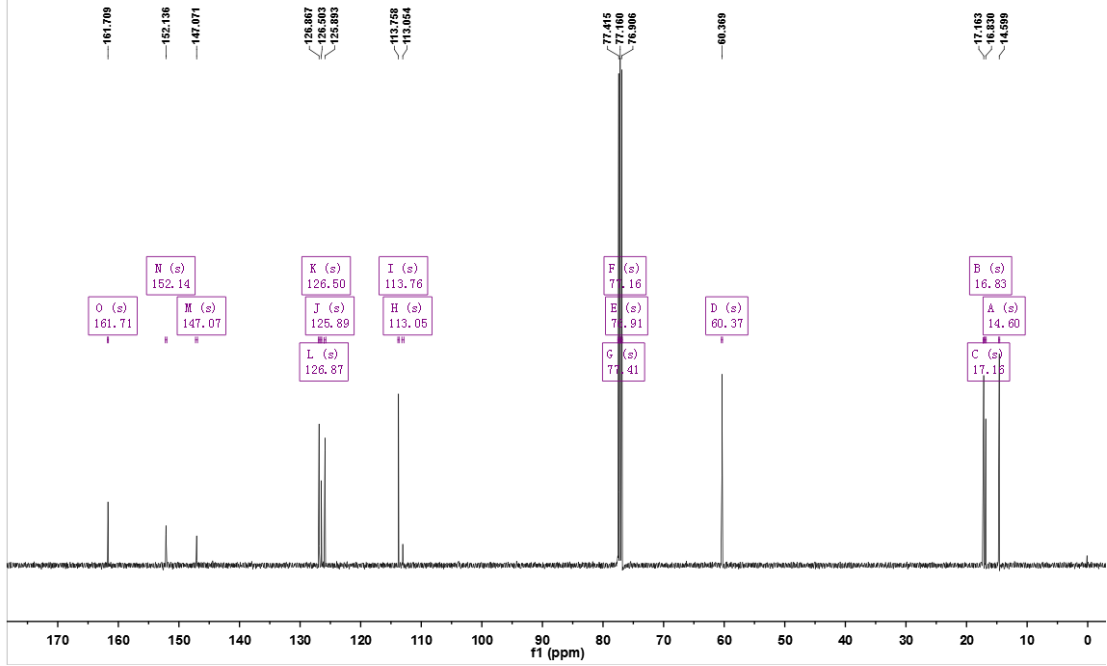




*ethyl 2,8-dimethylimidazo[1,2-a]pyridine-3-carboxylate (3h)*

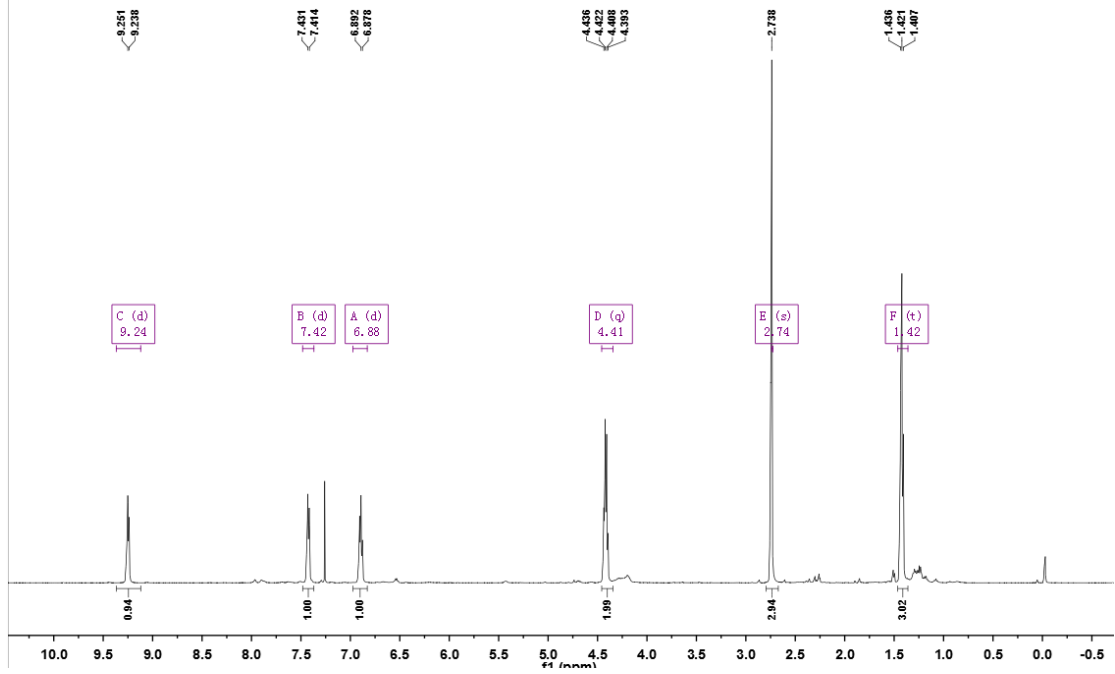


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BRUKER AV-III-500 13C-NMR 3h IN CDCL3 2015.06.09  
C13CPD\_USER1 CDCL3 E:\\ guohuiyuan 10

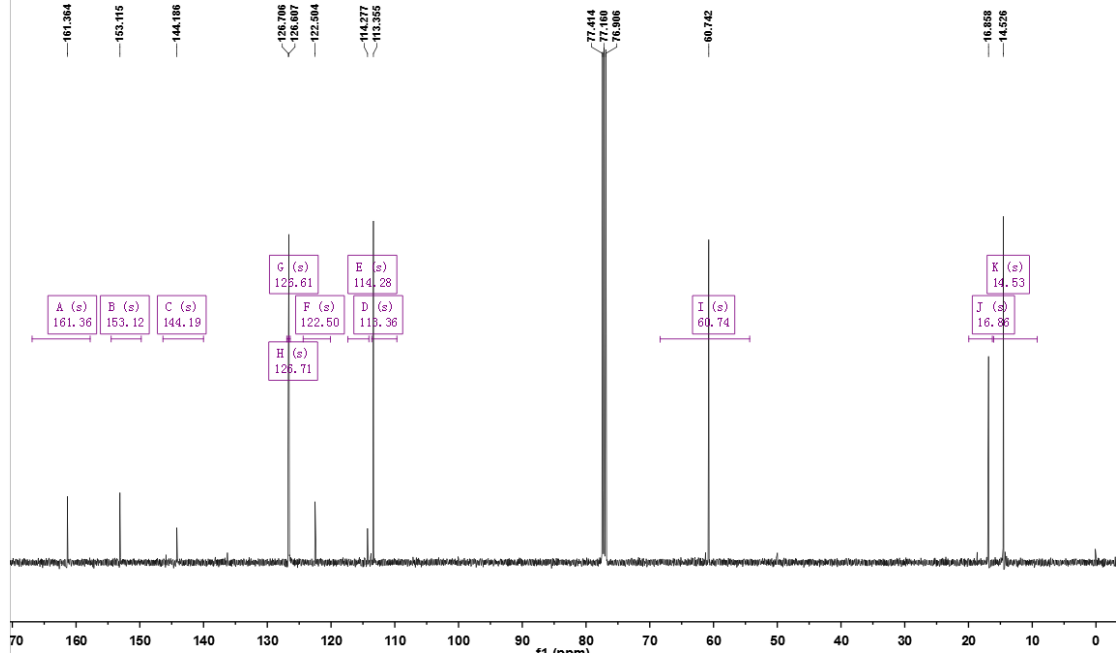


*ethyl 8-chloro-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3i)*

20150611-3i  
BRUKER AV-III-500 1H-NMR 3i IN CDCL3 2015.06.11  
PROTON CDCL3 E:\\ guohuiyuan 47

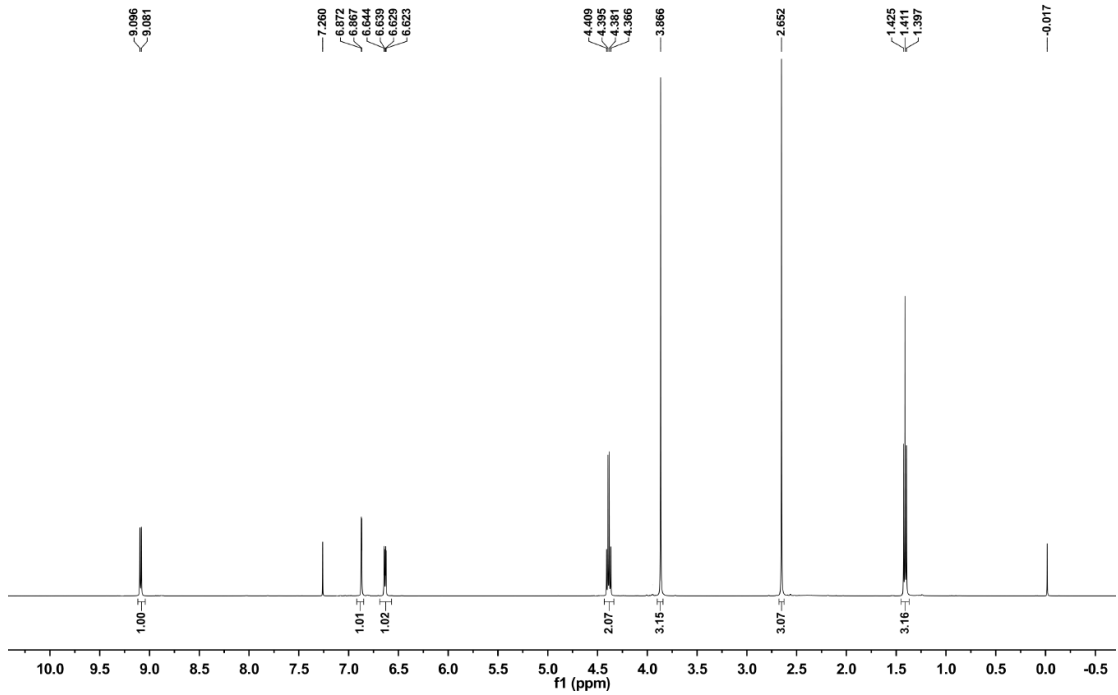


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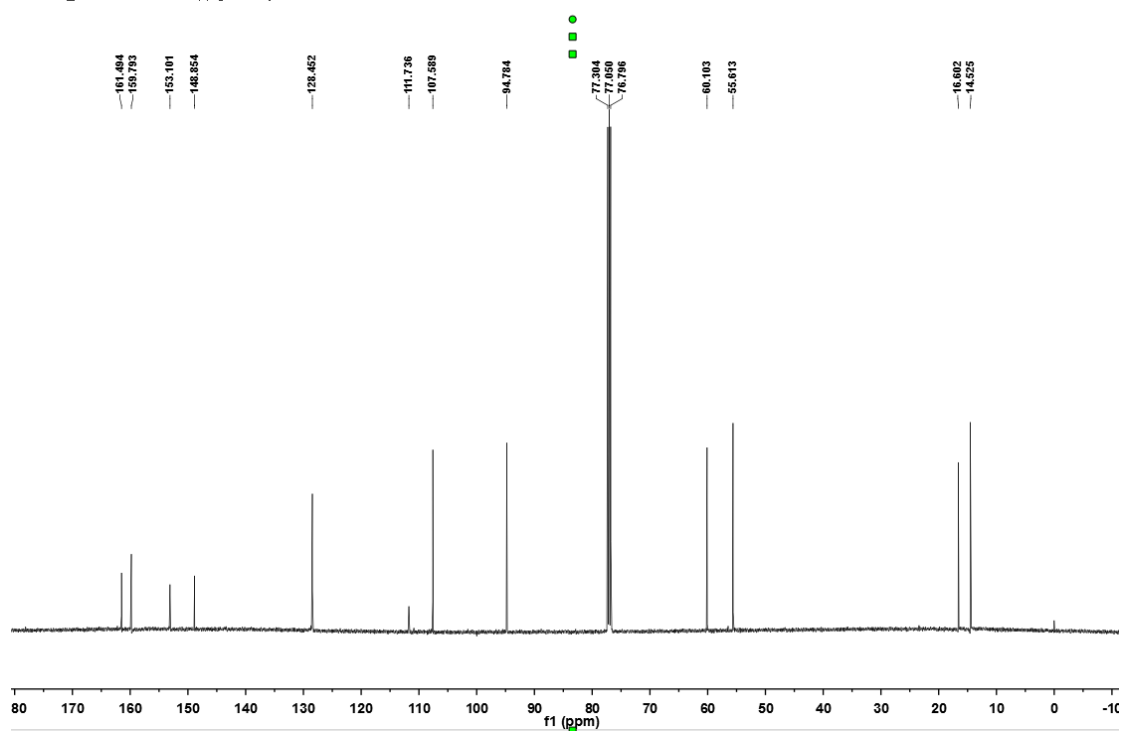


***ethyl 6-methoxy-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3j)***

20150803-E169C  
BRUKER AV-III-500 1H-NMR E169C IN CDCL3 2015.08.03  
PROTON CDC13 E:\\ guohuiyuan 1

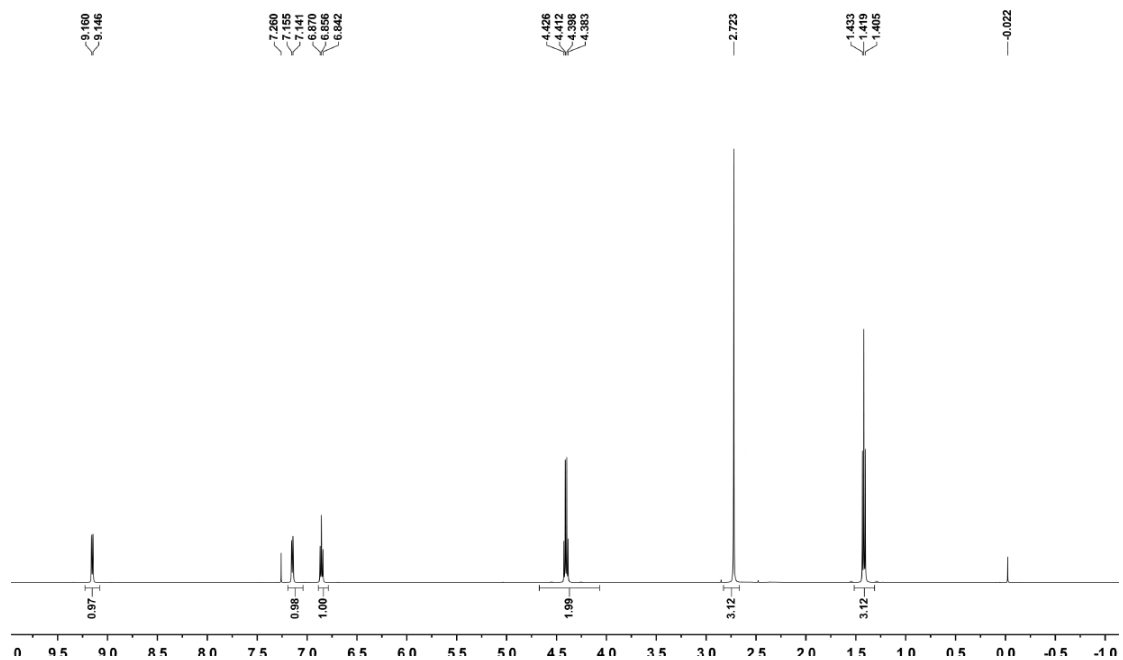


20150803-E169C  
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C13CPD\_USER1 CDCL3 E:\\ guohuiyuan 1

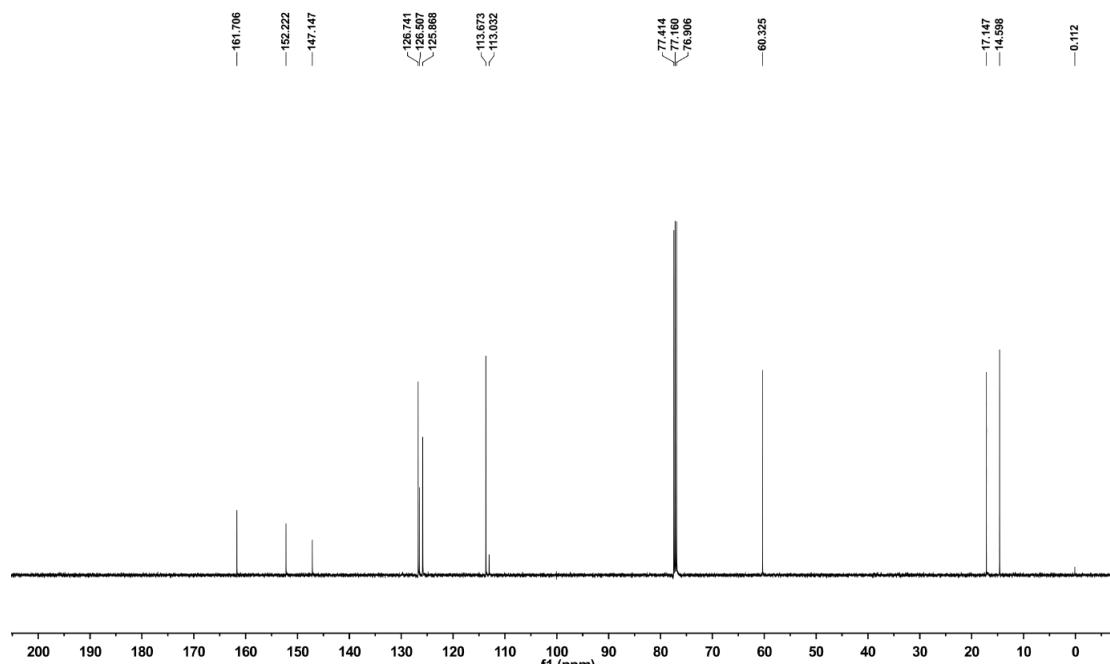


*ethyl 5-chloro-2-methylimidazo[1,2-a]pyridine-3-carboxylate (3k)*

20150610-3k  
BRUKER AV-III-500 1H-NMR 3h IN CDCL3 2015.06.10  
PROTON CDCL3 E:\\ guohuiyuan 18

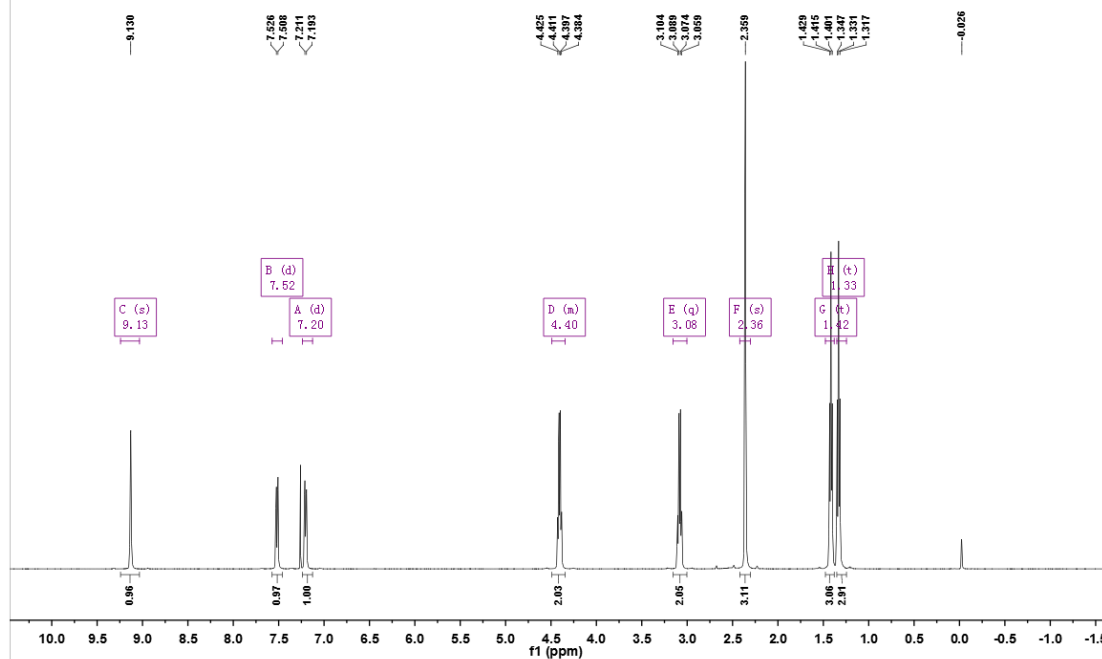


20150610-3k  
BRUKER AV-III-500 13C-NMR 3h IN CDCL3 2015.06.10  
C13CPD\_USER1 CDC13 E:\\ guohuiyuan 18

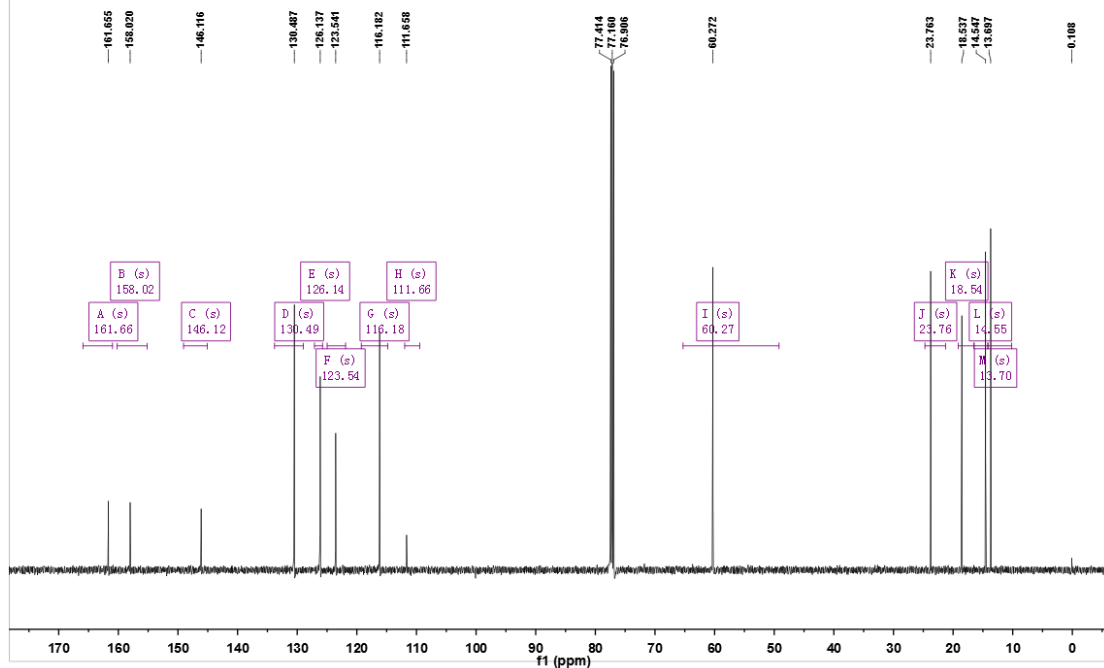


*ethyl 2-ethyl-6-methylimidazo[1,2-a]pyridine-3-carboxylate (3l)*

3l  
BRUKER AV-III-500 1H-NMR 3l IN CDCL3 2015.06.10  
PROTON CDC13 E:\\ guohuiyuan 15

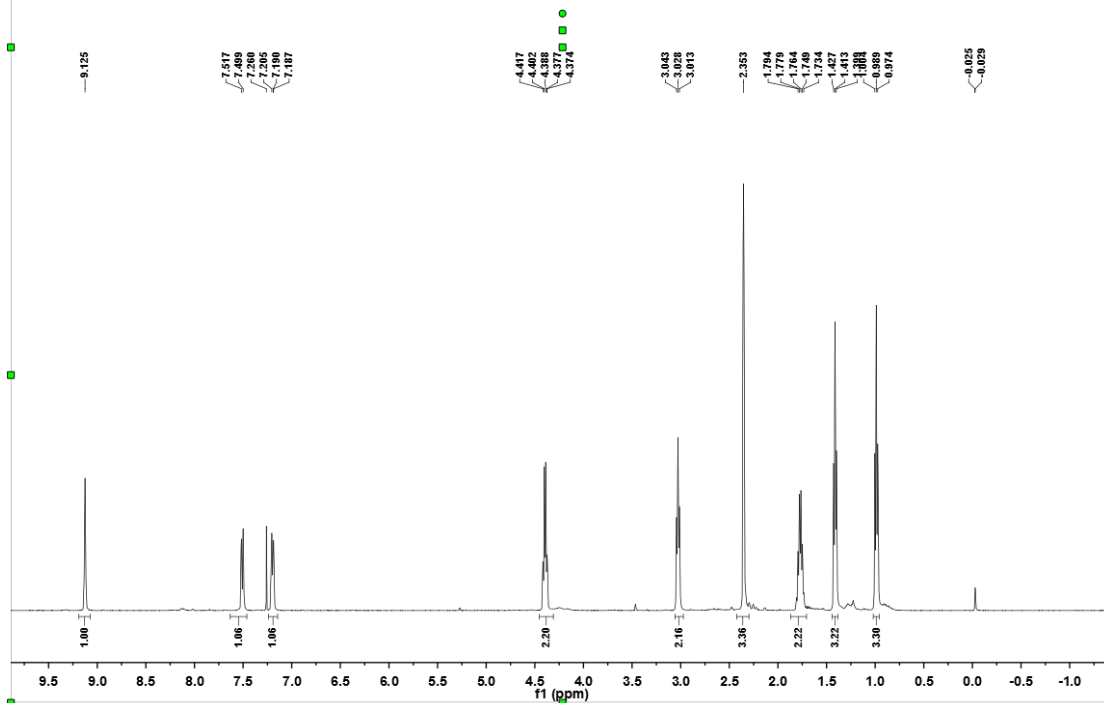


31  
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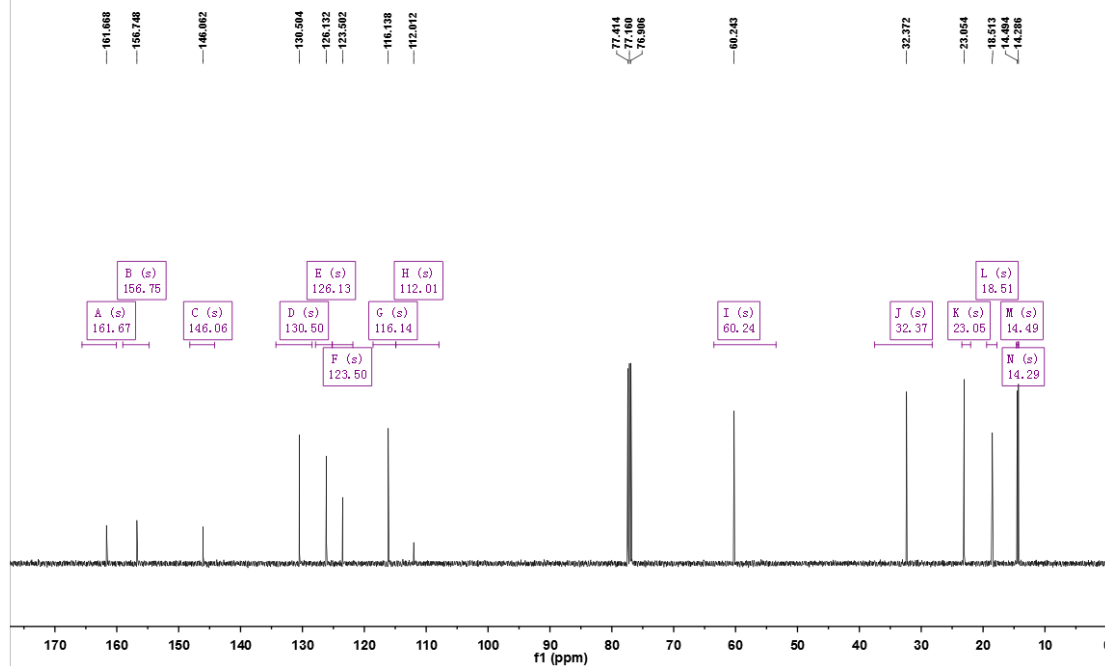


*ethyl 6-methyl-2-propylimidazo[1,2-a]pyridine-3-carboxylate (3m)*

20150608-3m  
BRUKER AV-III-500 1H-NMR 3m IN CDCL3 2015.06.08  
PROTON CDCL3 E:\\ guohuiyuan 52

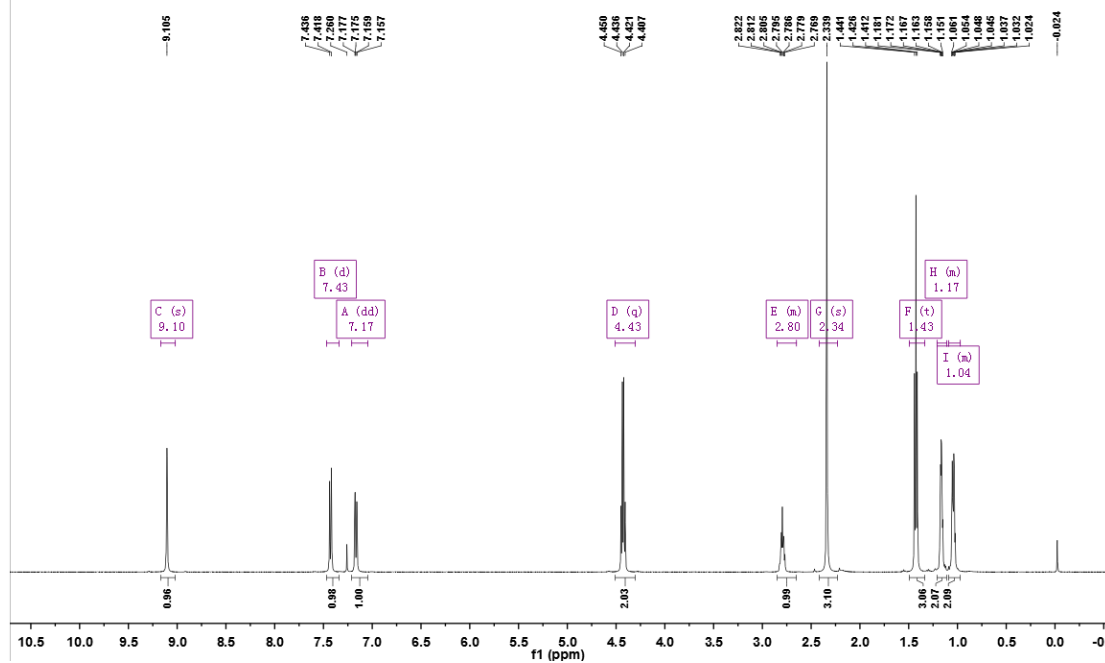


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 BRUKER AV-III-500 13C-NMR 3m IN CDCL3 2015.06.08  
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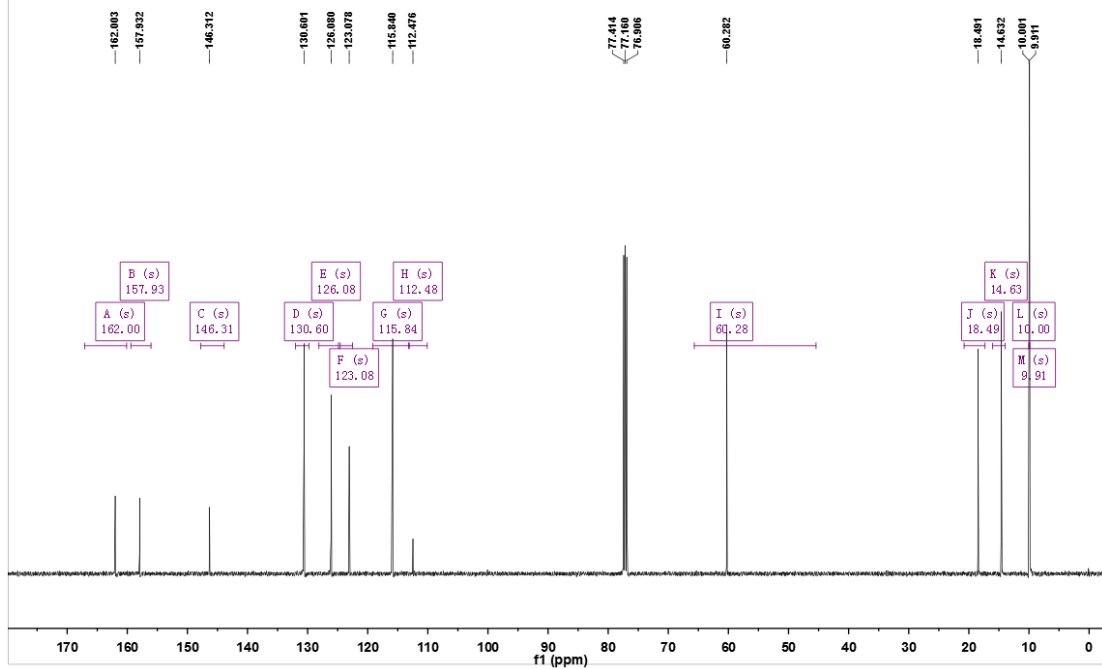


*ethyl 2-cyclopropyl-6-methylimidazo[1,2-a]pyridine-3-carboxylate (3n)*

3n  
 BRUKER AV-III-500 1H-NMR Z14 IN CDCL3 2015.06.10  
 PROTON CDC13 E:\\ guohuiyuan 19

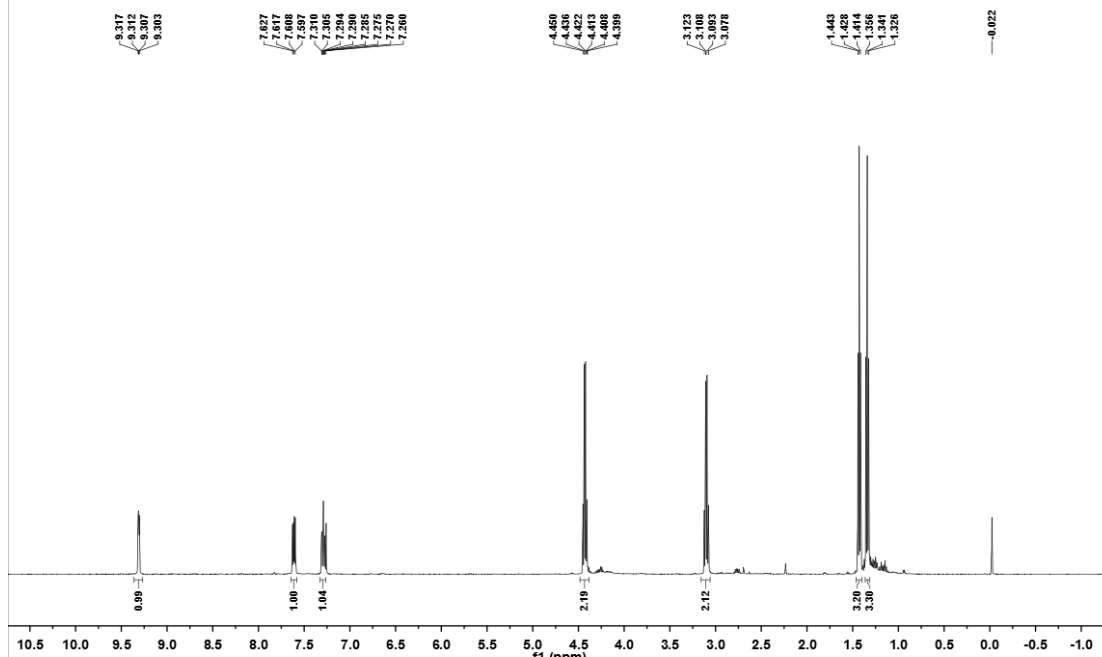


Z14  
BRUKER AV-III-500 13C-NMR Z14 IN CDCL3 2015.06.10  
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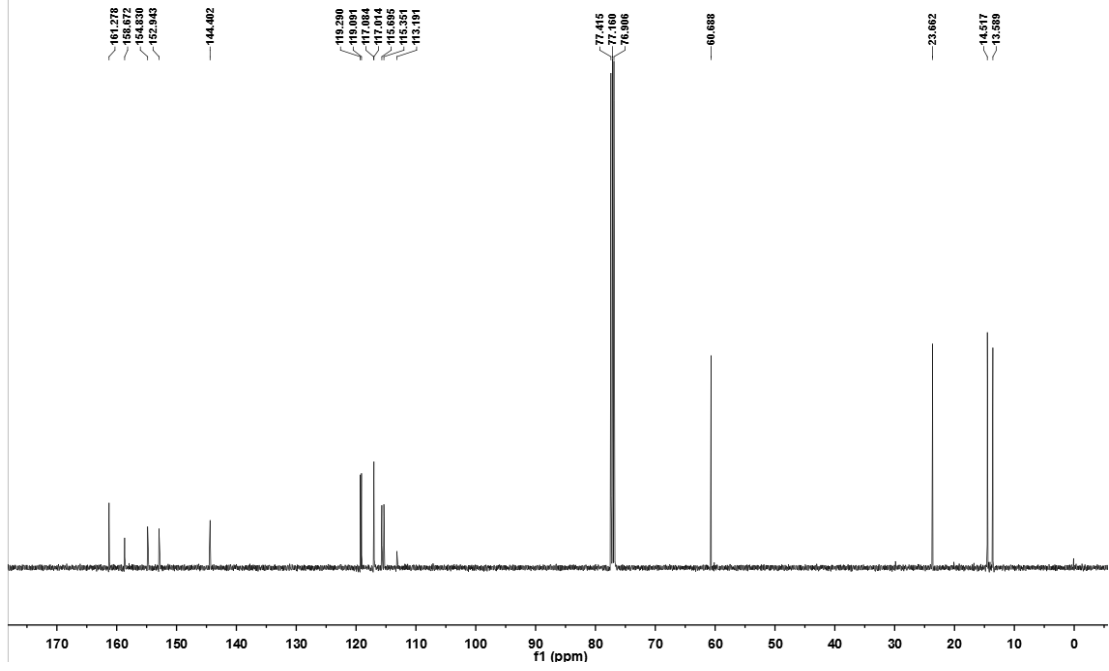


*ethyl 2-ethyl-6-fluoroimidazo[1,2-a]pyridine-3-carboxylate (3o)*

30  
BRUKER AV-III-500 1H-NMR 30 IN CDCL3 2015.06.10  
PROTON CDCl3 E:\\ guohuiyuan 14

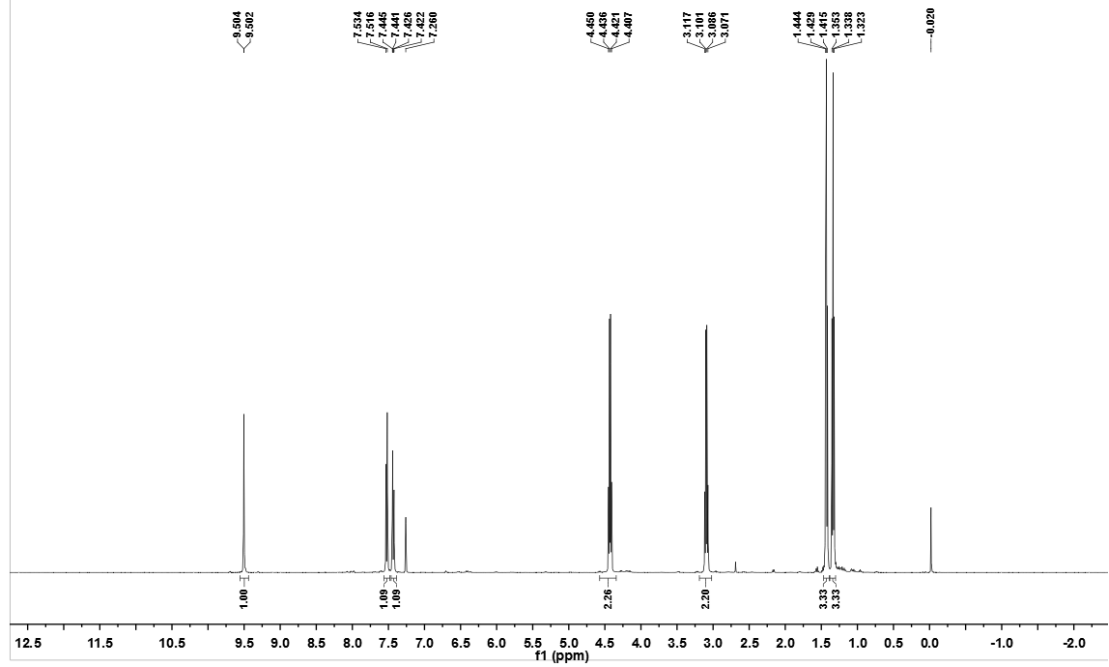


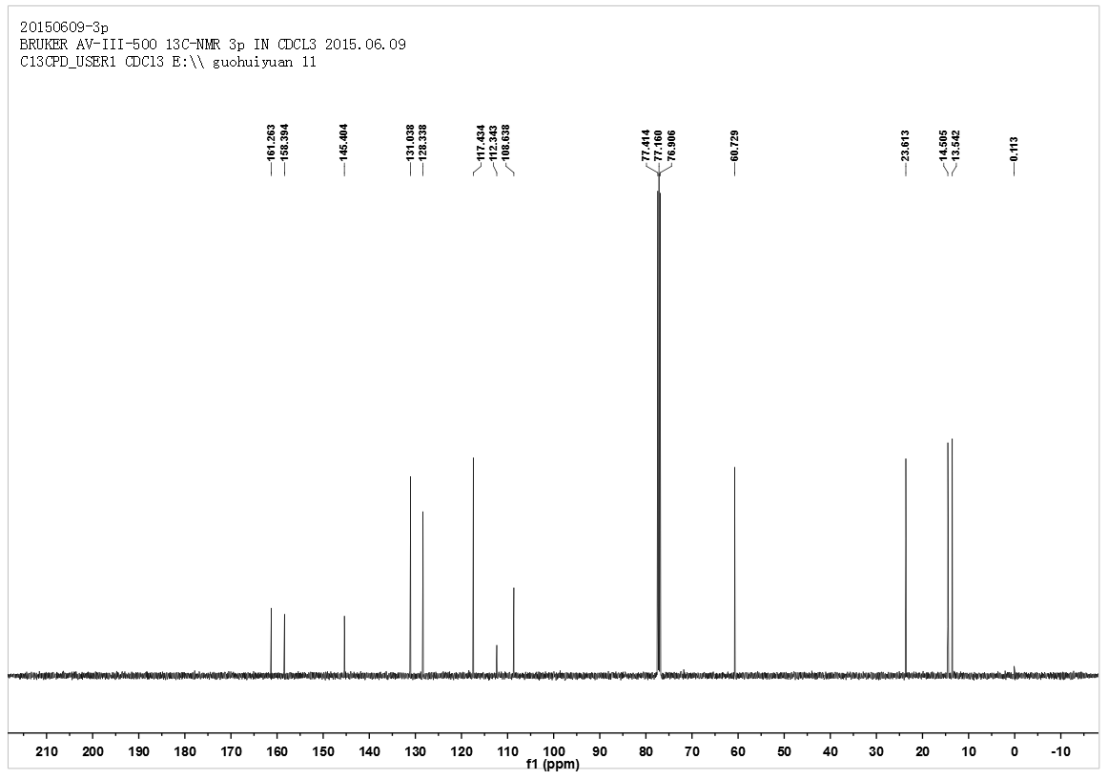
30  
BRUKER AV-III-500 13C-NMR 30 IN CDCL3 2015.06.10  
C13CPD\_USER1 CDC13 E:\\ guohuiyuan 14



*ethyl 6-bromo-2-ethylimidazo[1,2-a]pyridine-3-carboxylate (3p)*

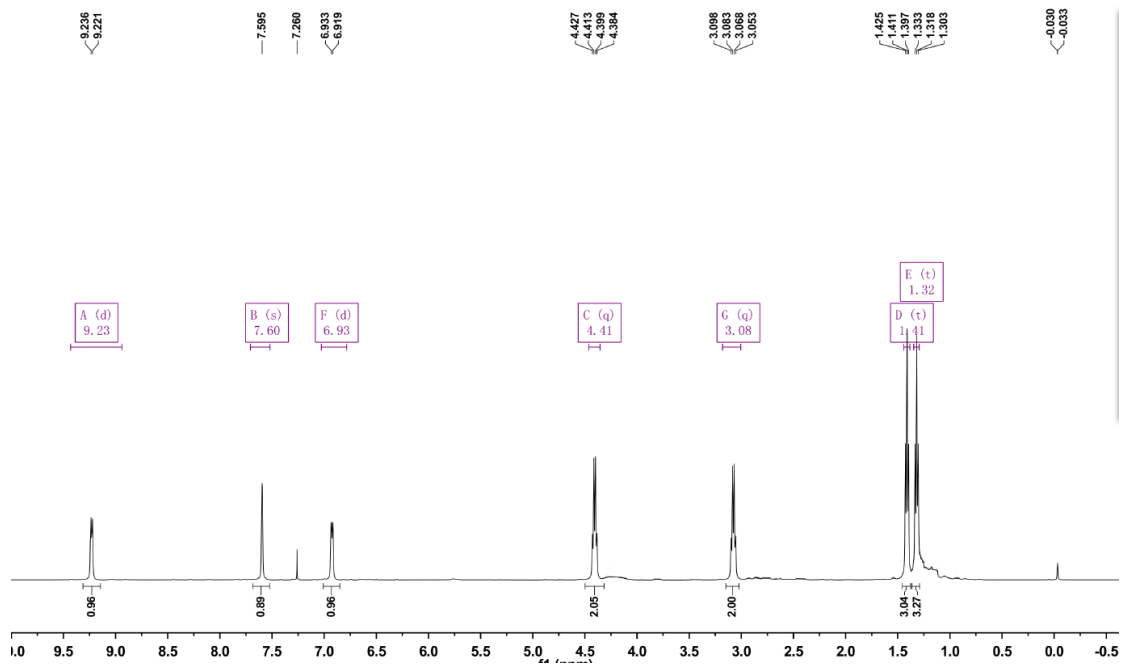
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PROTON CDC13 E:\\ guohuiyuan 11



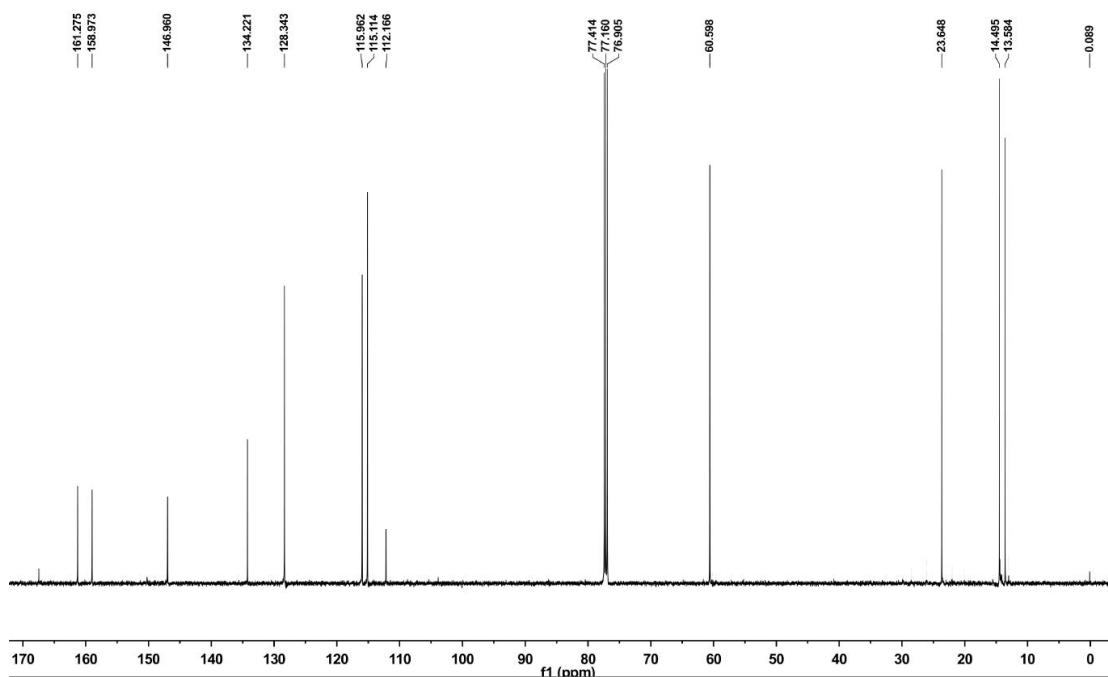


***ethyl 7-chloro-2-ethylimidazo[1,2-a]pyridine-3-carboxylate (3q)***

20150611-3q  
 BRUKER AV-III-500 1H-NMR 3q IN CDCL3 2015.06.11  
 PROTON CDCl3 E:\\ guohuiyuan 49

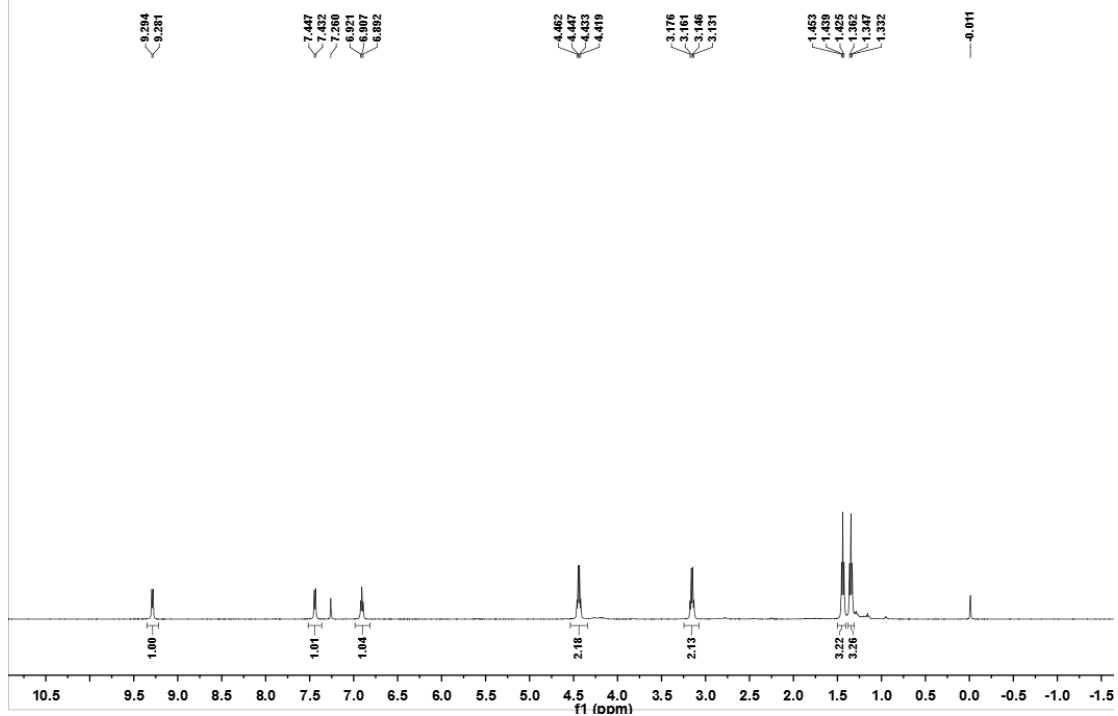


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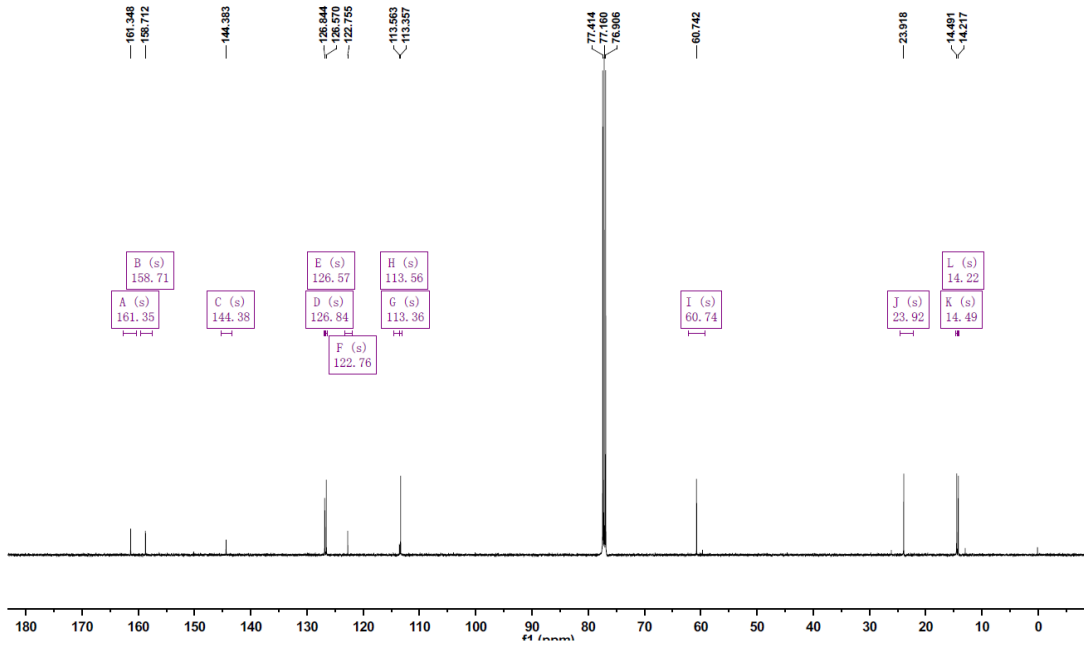


*ethyl 8-chloro-2-ethylimidazo[1,2-a]pyridine-3-carboxylate (3r)*

20150609-3r  
BRUKER AV-III-500 1H-NMR 3r IN CDCL3 2015.06.09  
PROTON CDC13 E:\ guohuiyuan 12

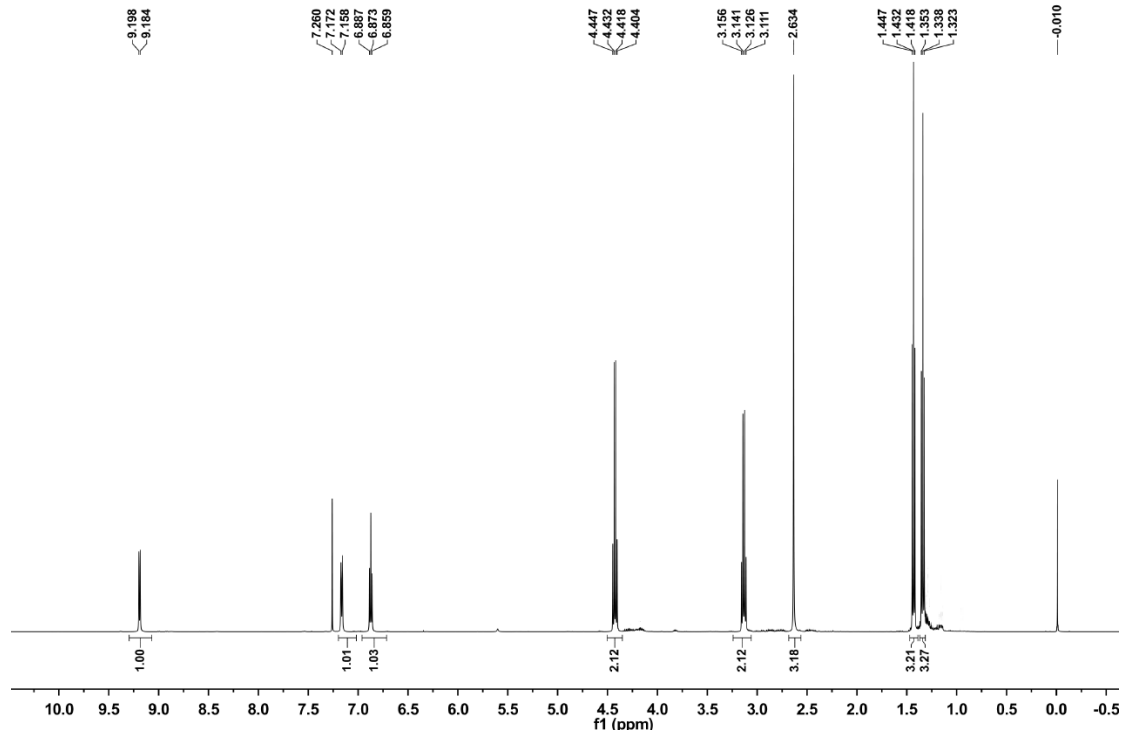


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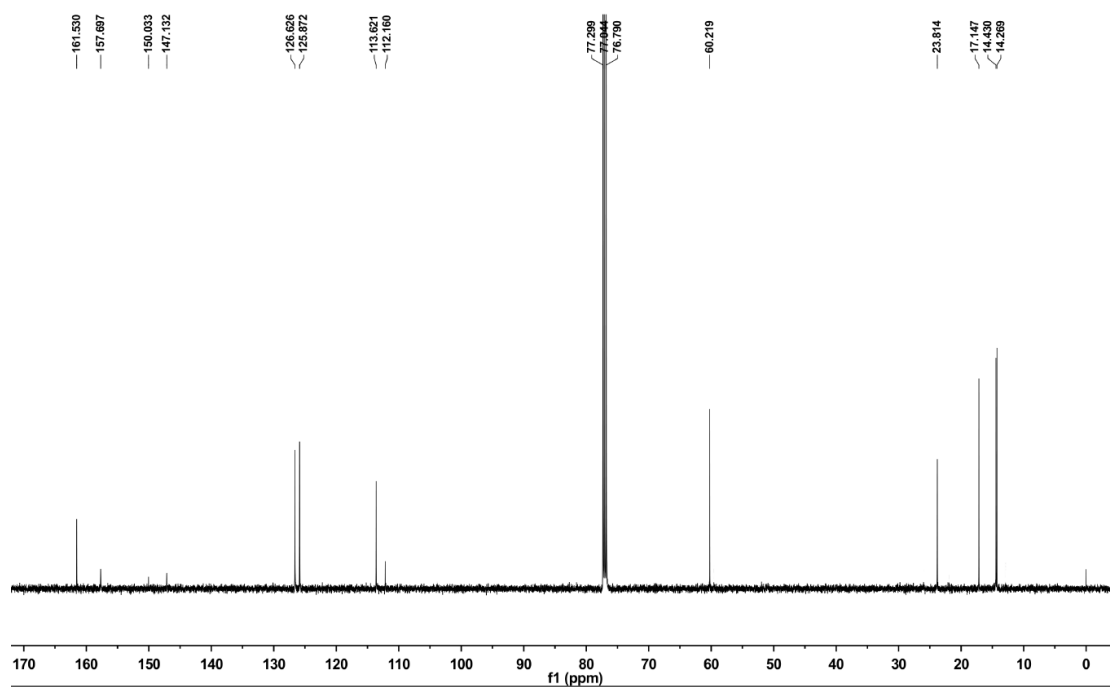


**ethyl 2-ethyl-8-methylimidazo[1,2-a]pyridine-3-carboxylate (3s)**

20150608-3s  
 BRUKER AV-III-500 1H-NMR 3s IN CDCL3 2015.06.08  
 PROTON CDCL3 E:\ guohuiyuan 54

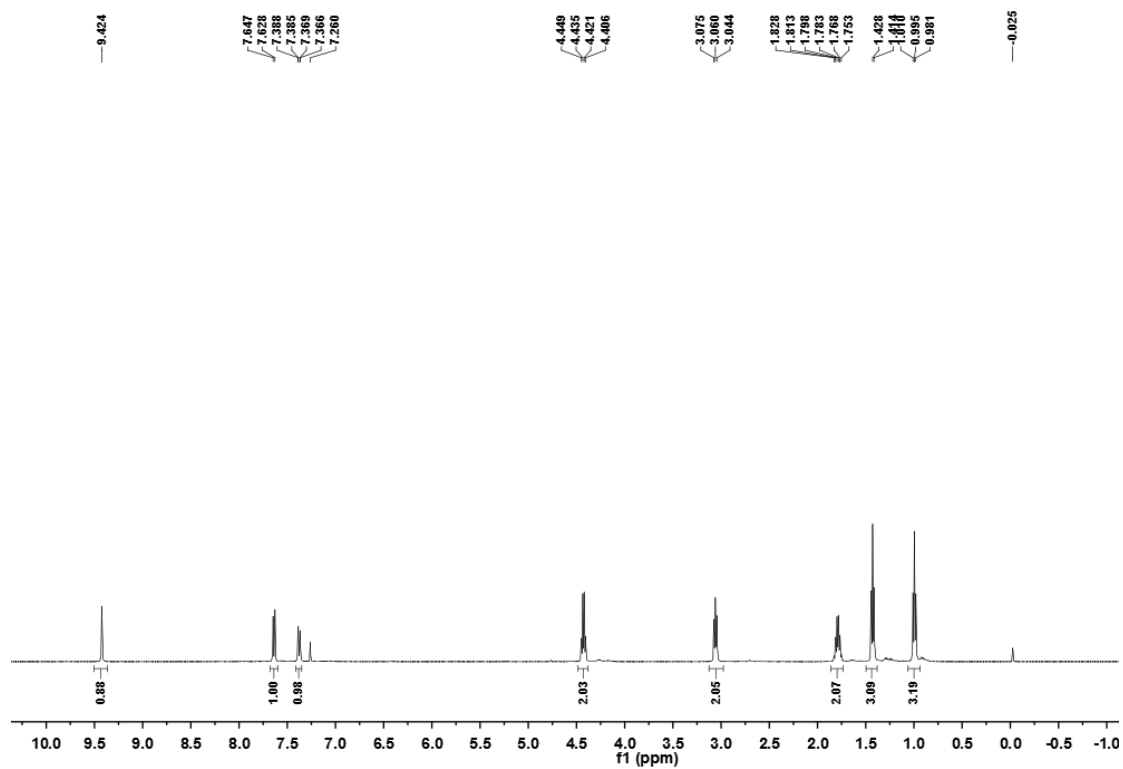


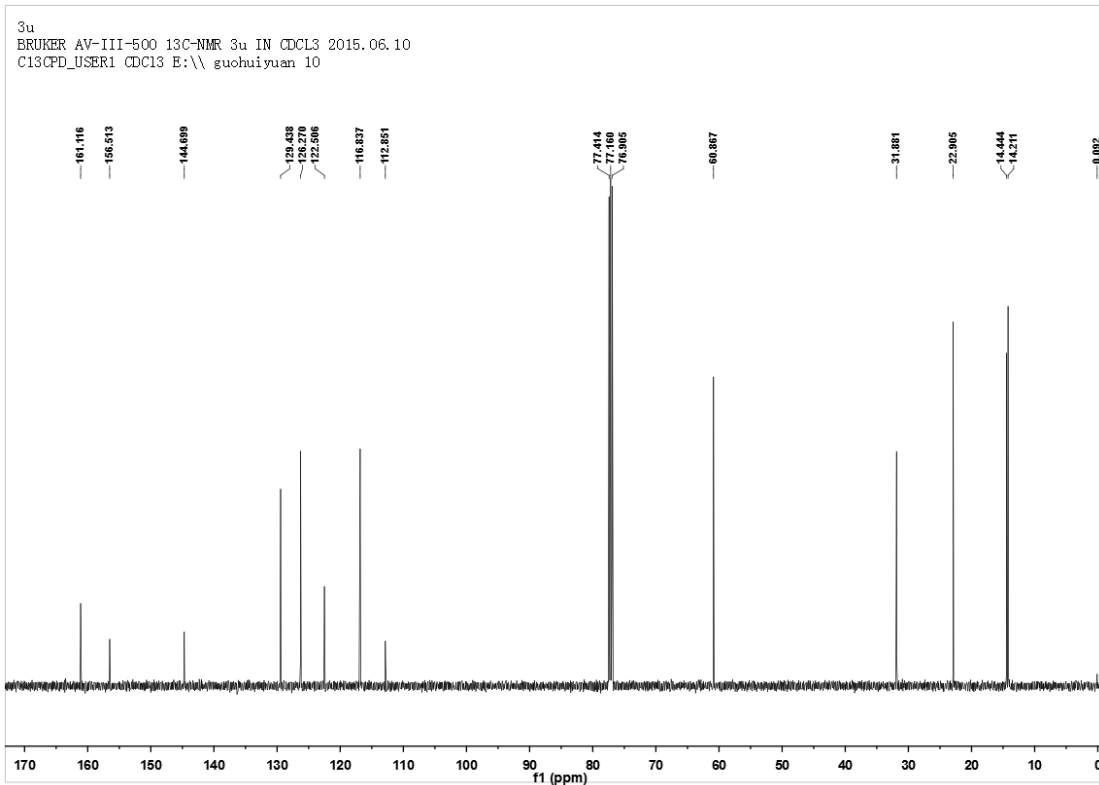
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C13CPD\_USER1 CDC13 E:\\ guohuiyuan 54



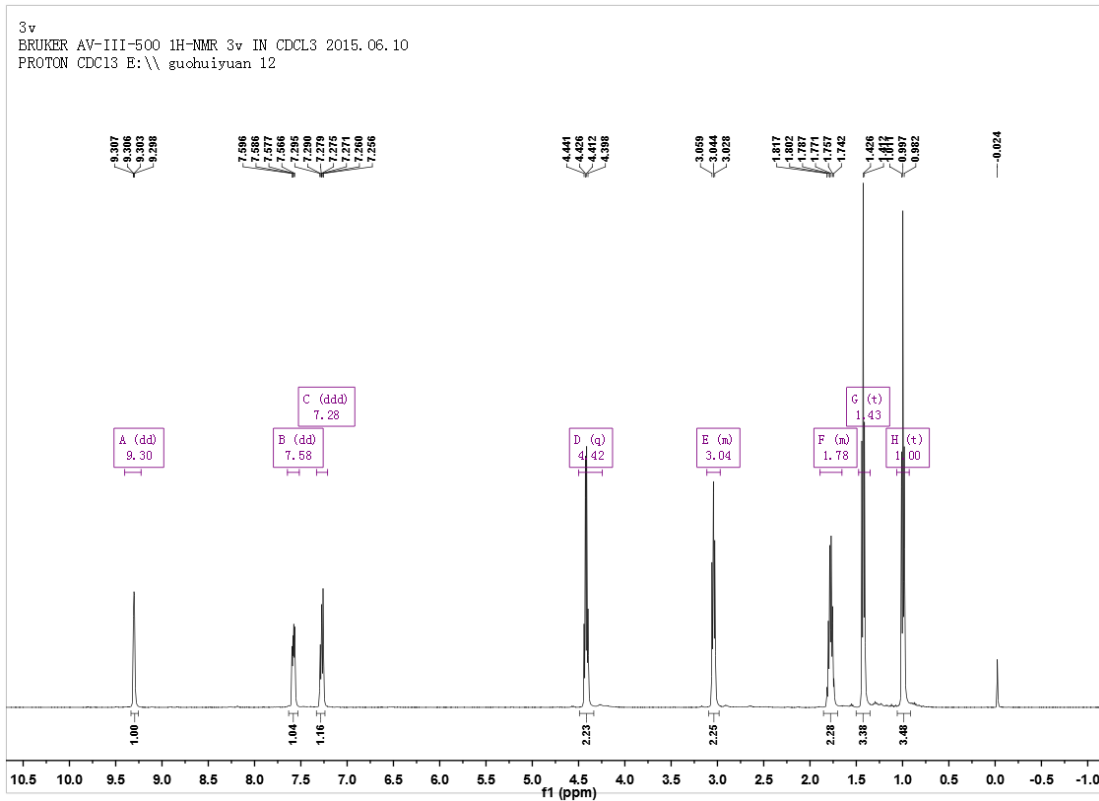
*ethyl 6-chloro-2-propylimidazo[1,2-a]pyridine-3-carboxylate (3u)*

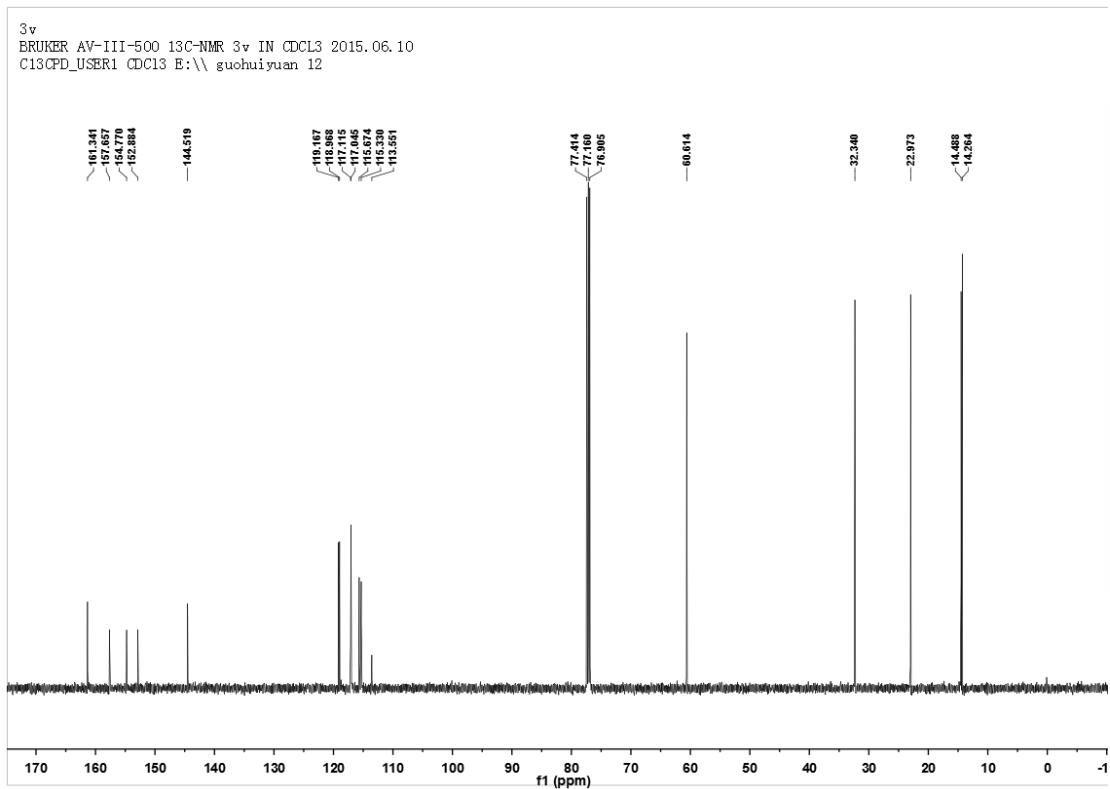
3u  
BRUKER AV-III-500 1H-NMR 3u IN CDCL3 2015.06.10  
PROTON CDC13 E:\\ guohuiyuan 10



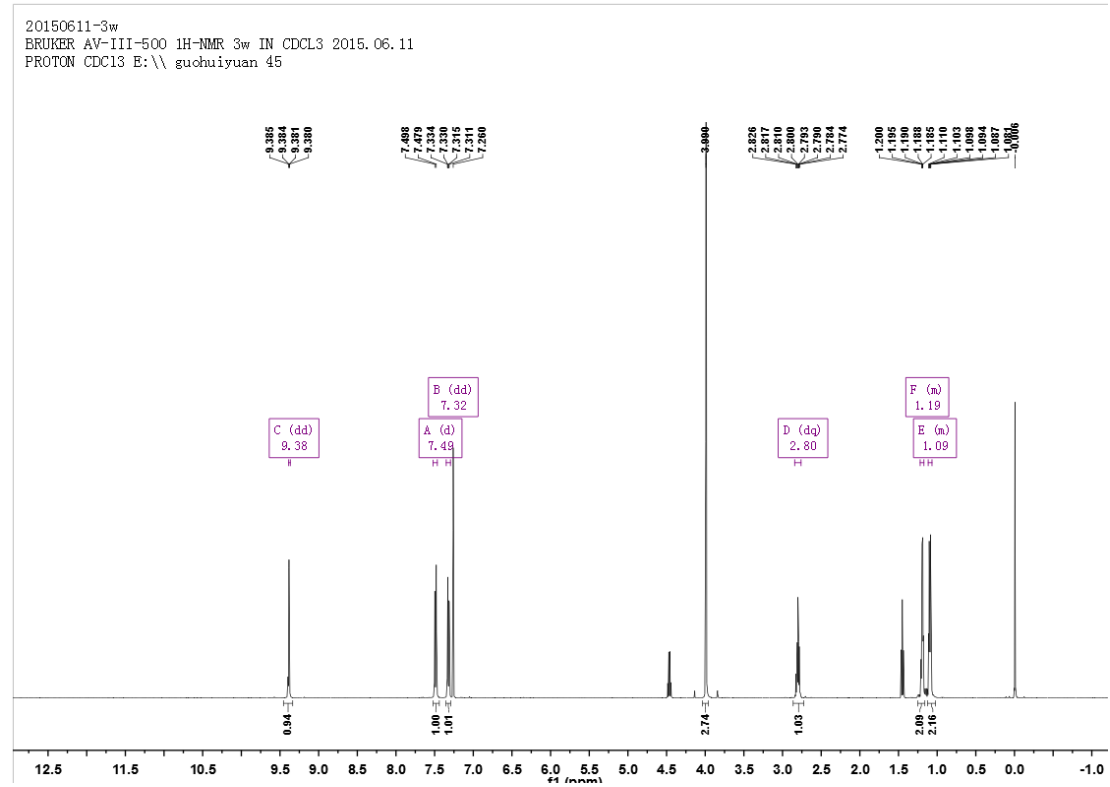


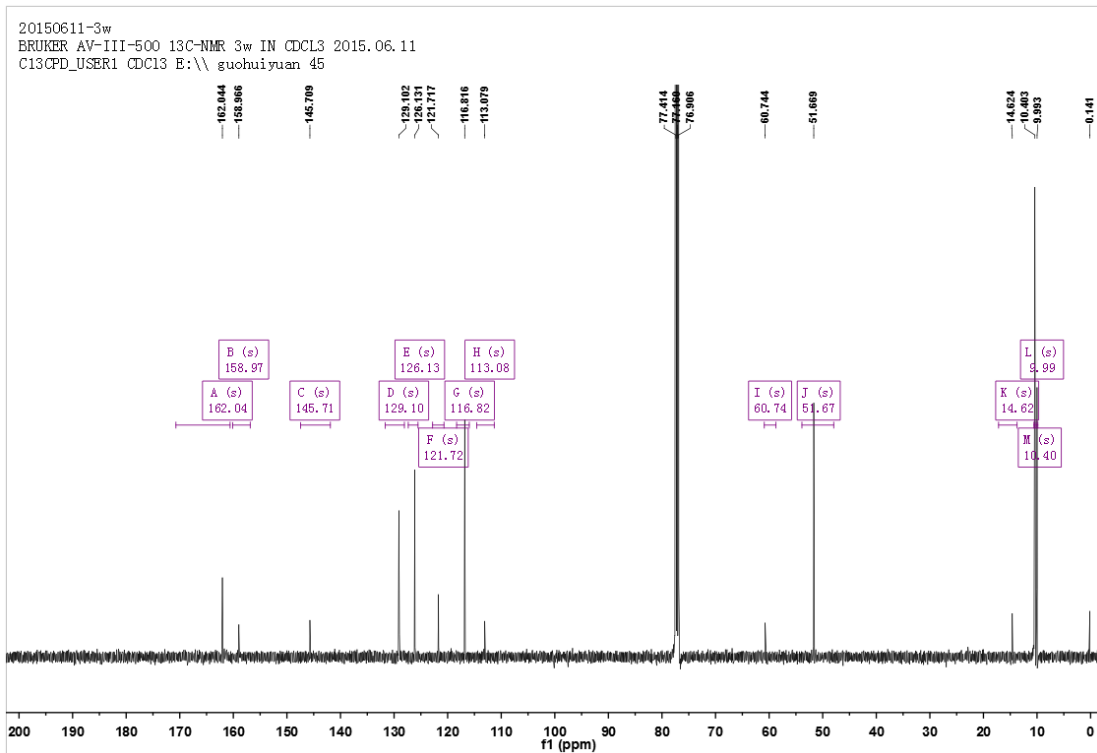
*ethyl 6-fluoro-2-propylimidazo[1,2-a]pyridine-3-carboxylate (3v)*





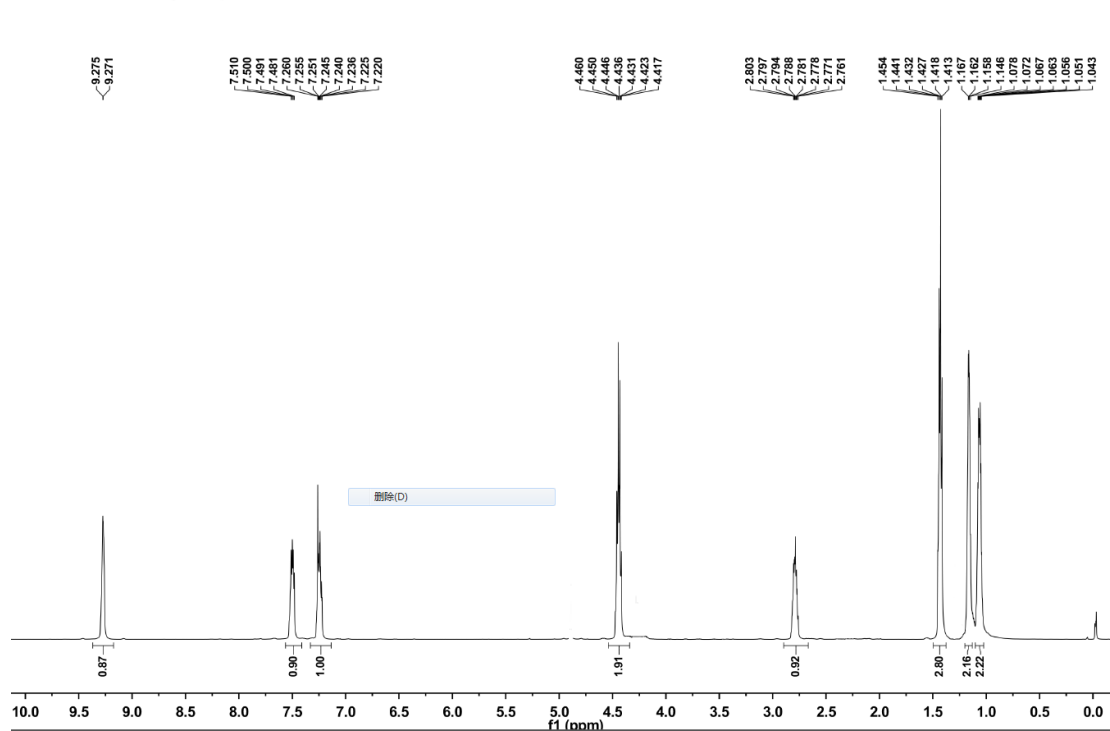
*ethyl 6-chloro-2-cyclopropylimidazo[1,2-a]pyridine-3-carboxylate (3w)*



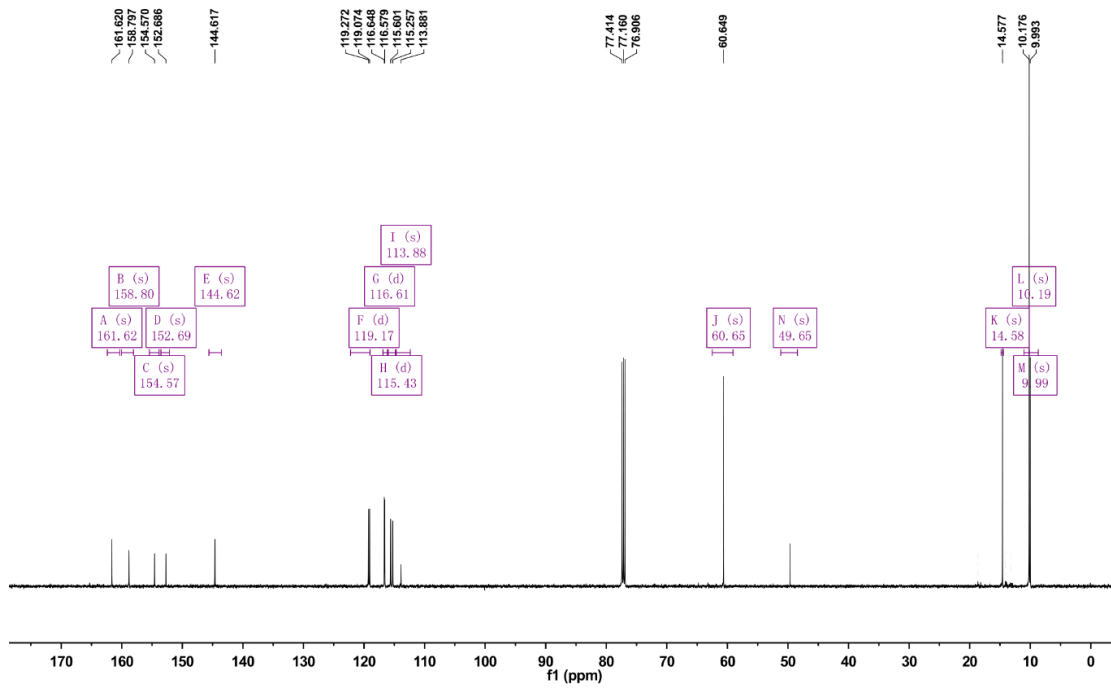


*ethyl 2-cyclopropyl-6-fluoroimidazo[1,2-a]pyridine-3-carboxylate (3x)*

20150611-3x  
 BRUKER AV-III-500 1H-NMR Z2 IN CDCL3 2015.06.11  
 PROTON CDCL3 E:\ guohuiyuan 46

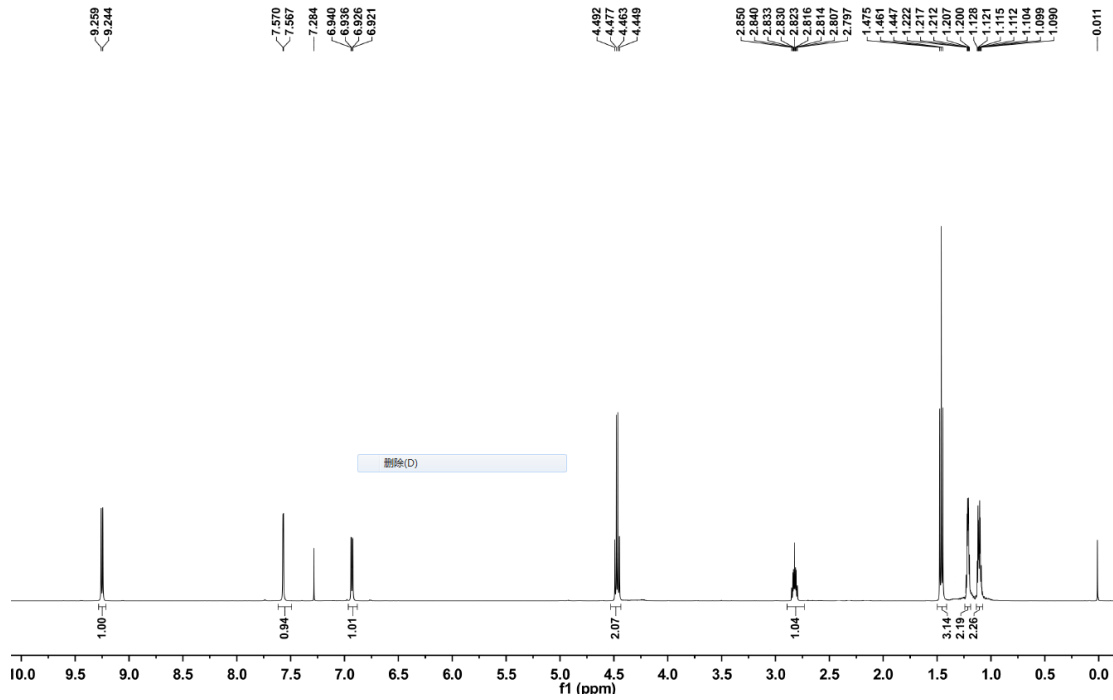


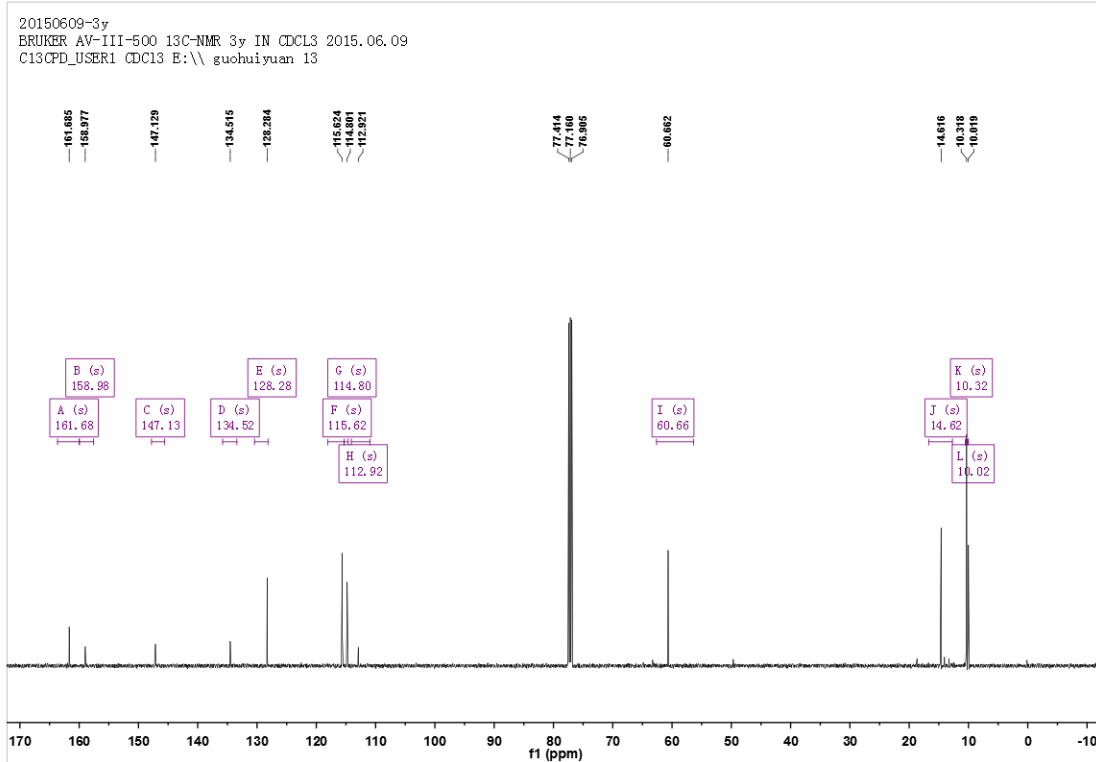
20150611-3x  
 BRUKER AV-III-500 13C-NMR Z2 IN CDCL3 2015.06.11  
 C13CPD\_USER1 CDC13 E:\\ guohuiyuan 46



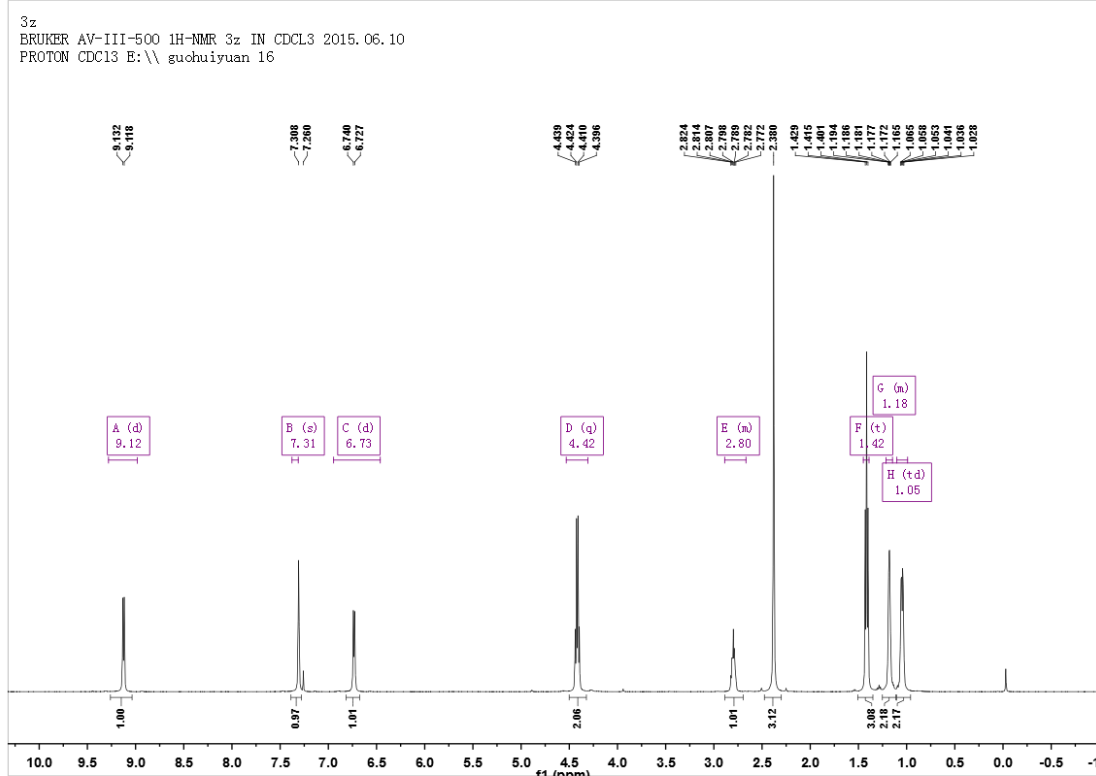
***ethyl 7-chloro-2-cyclopropylimidazo[1,2-a]pyridine-3-carboxylate (3y)***

20150609-3y  
 BRUKER AV-III-500 1H-NMR 3y IN CDCL3 2015.06.09  
 PROTON CDC13 E:\\ guohuiyuan 13





*ethyl 2-cyclopropyl-7-methylimidazo[1,2-a]pyridine-3-carboxylate (3z)*



3z  
BRUKER AV-III-500 13C-NMR 3z IN CDCL3 2015.06.10  
C13CPD\_USER1 CDCl3 E:\\ guohuiyuan 16

