

Supplementary data

Microwave-Assisted Synthesis of 5-Substituted 3-Amino-1,2,4-triazoles from Aminoguanidine Bicarbonate and Carboxylic Acids

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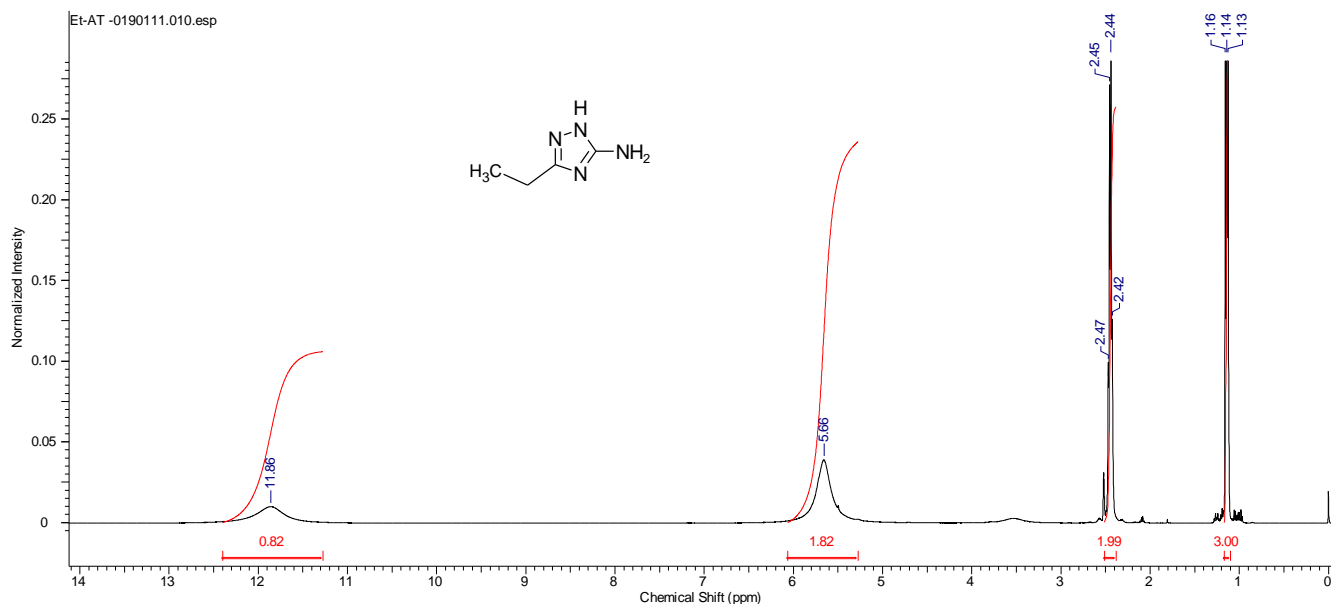
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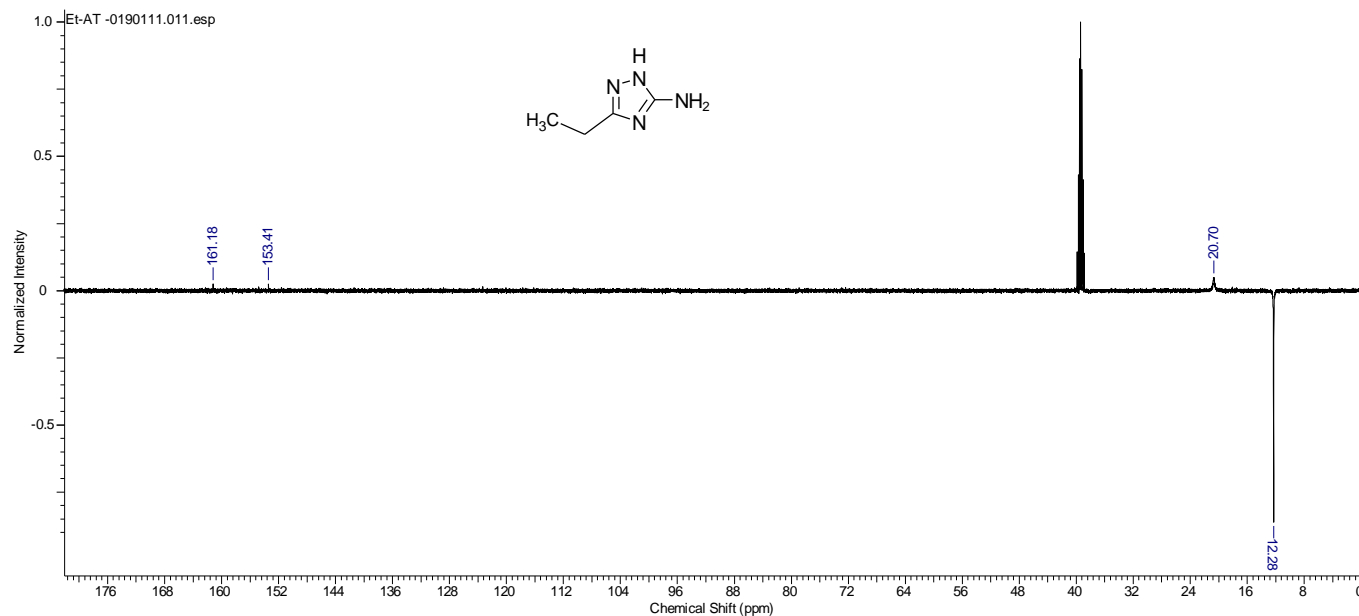
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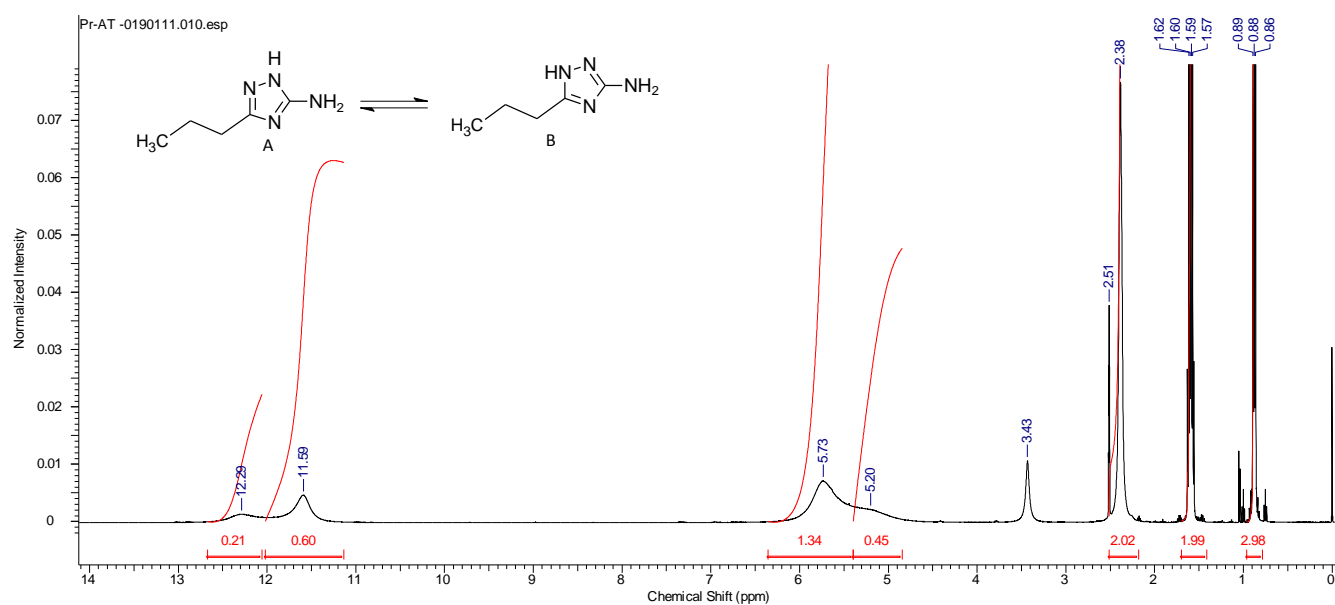
NMR Spectra



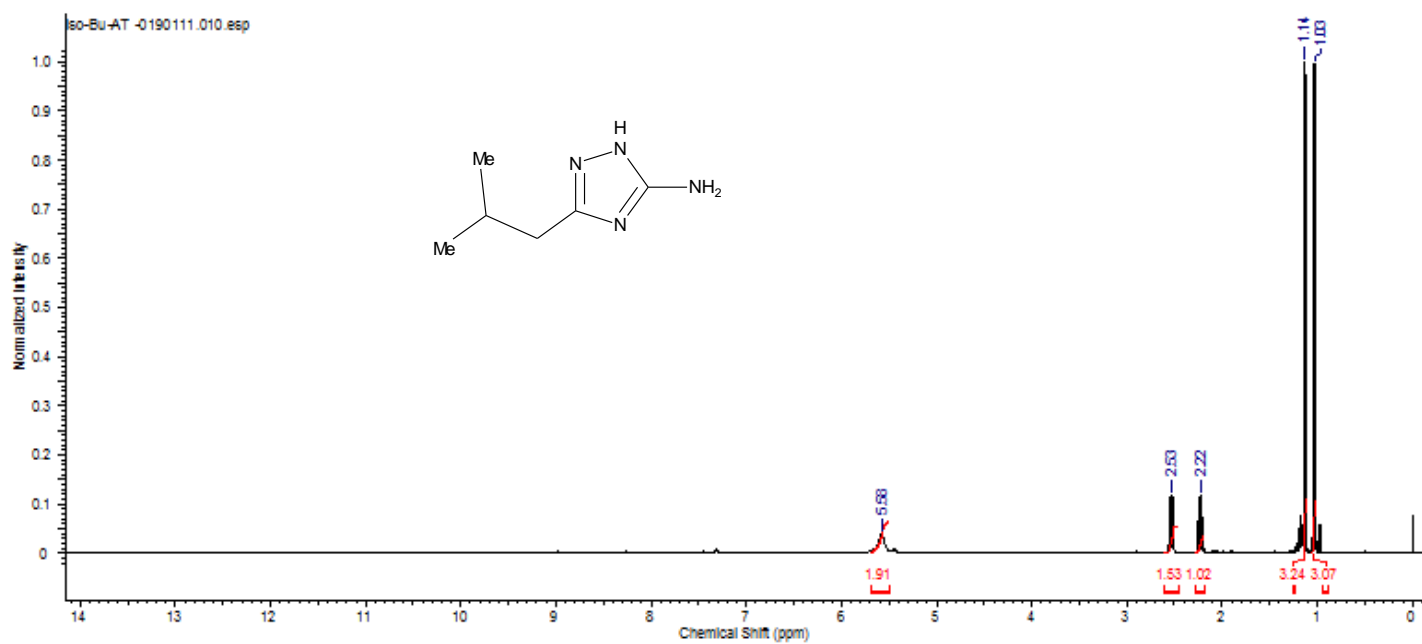
¹H NMR Spectrum of compound **4a**. The spectrum shows the presence of one tautomer.



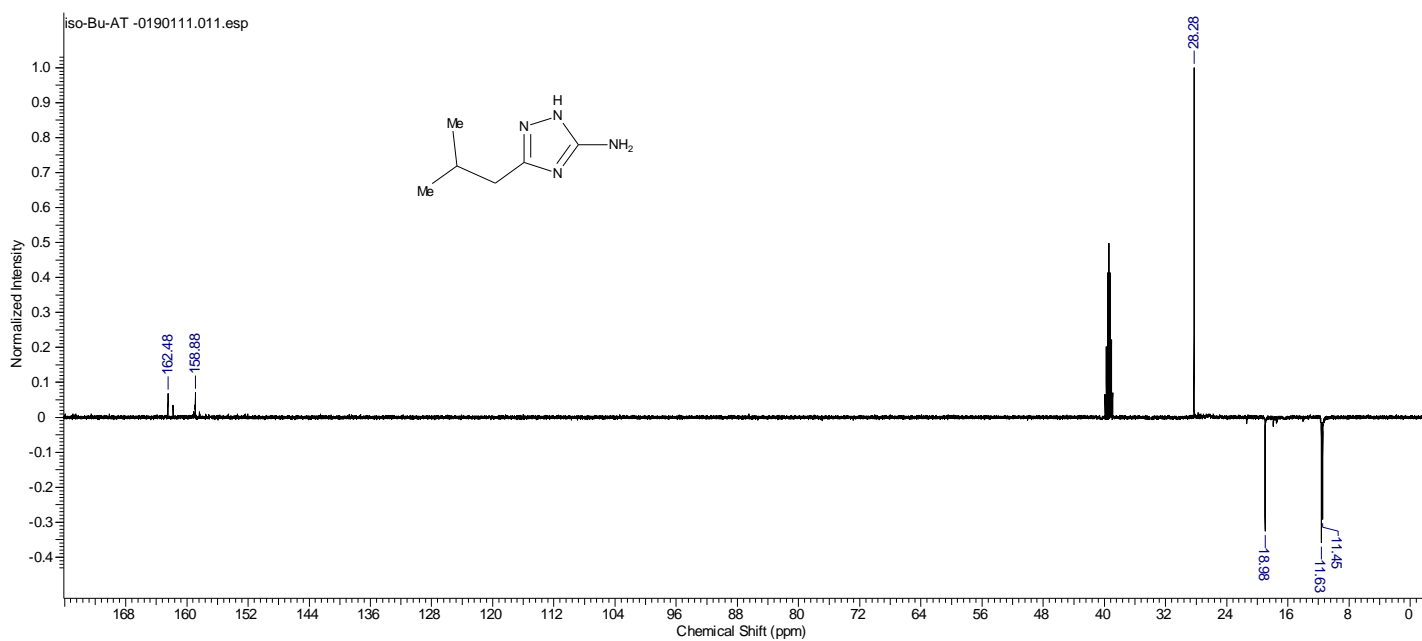
¹³C NMR Spectrum (APT) of compound **4a**.



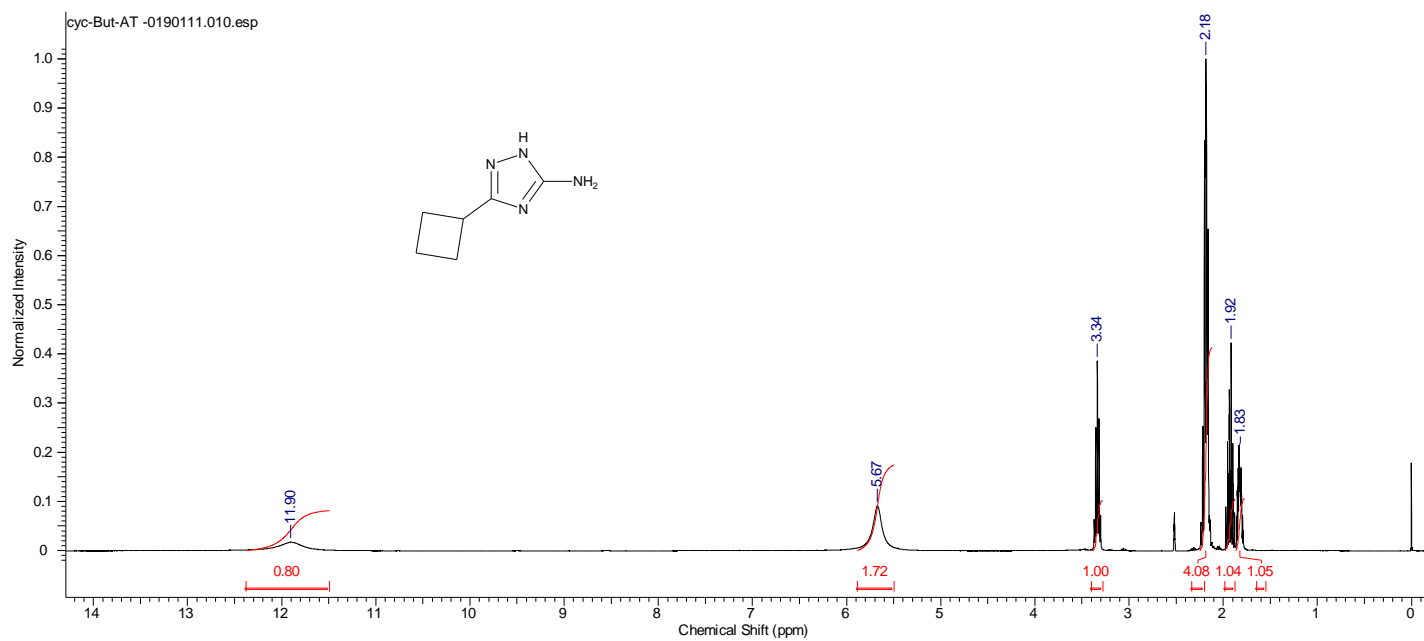
¹H NMR Spectrum of compound **4b**. The spectrum shows the presence of two tautomers.



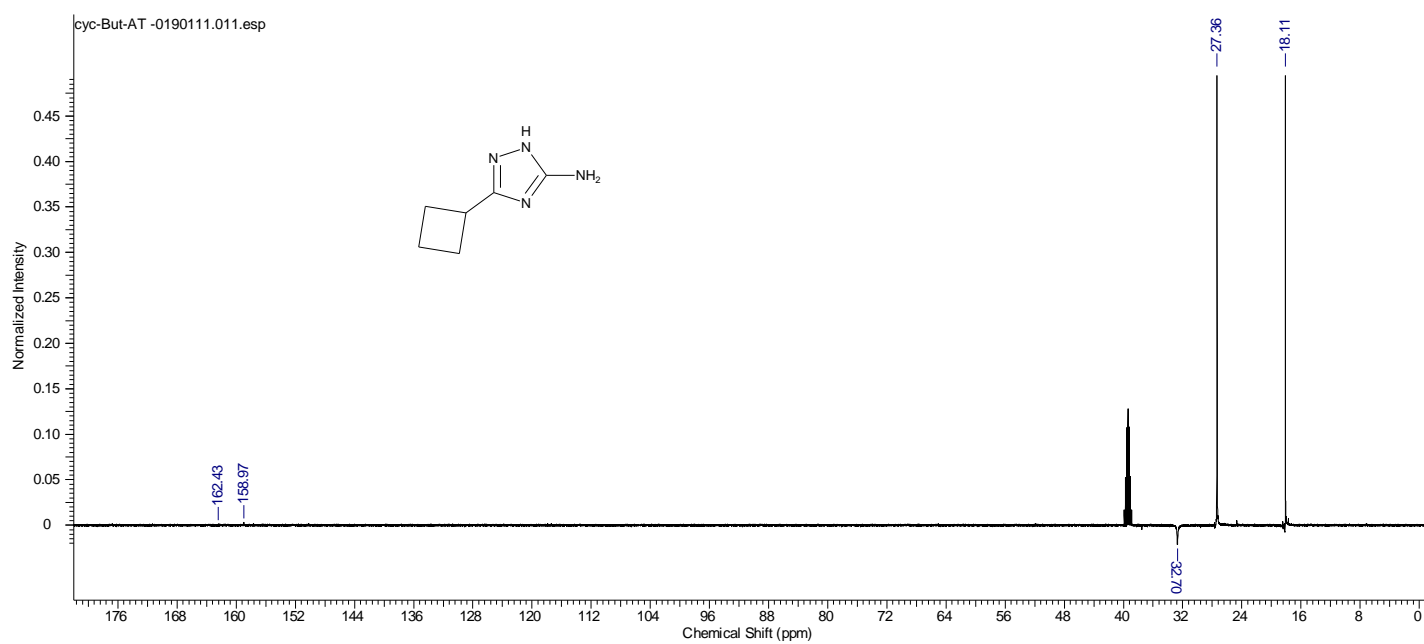
^1H NMR Spectrum of compound **4d**.



^{13}C NMR Spectrum (APT) of compound **4d**.



^1H NMR Spectrum of compound **4f**.



^{13}C NMR Spectrum (APT) of compound **4f**.