Supporting Information

One-Pot Selective Saturation and Functionalization of Heteroaromatics Leading to Dihydropyridines and Dihydroquinolines

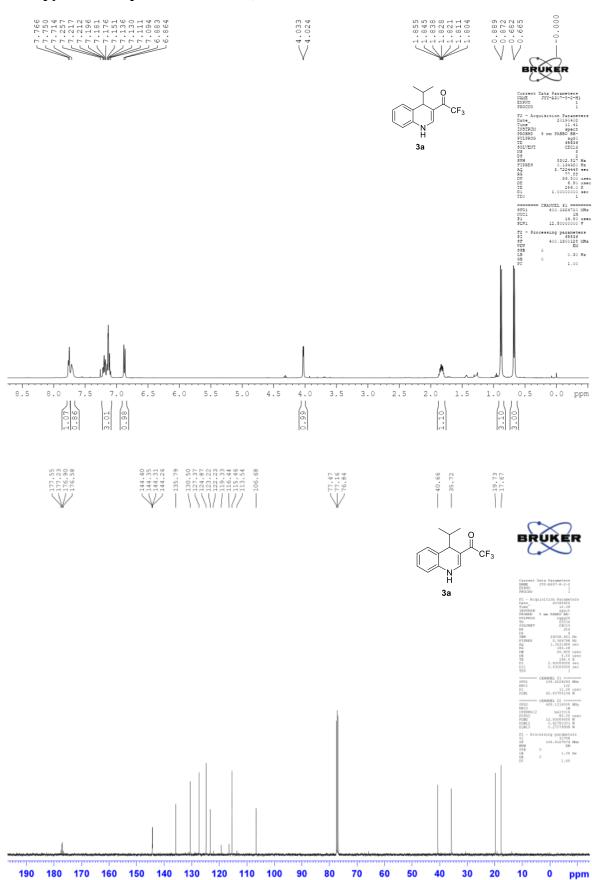
Dong Wang,* Yuanyang Jiang, Linru Dong, Gaoyu Li, Baoying Sun, Laurent Désaubry, and Peng Yu

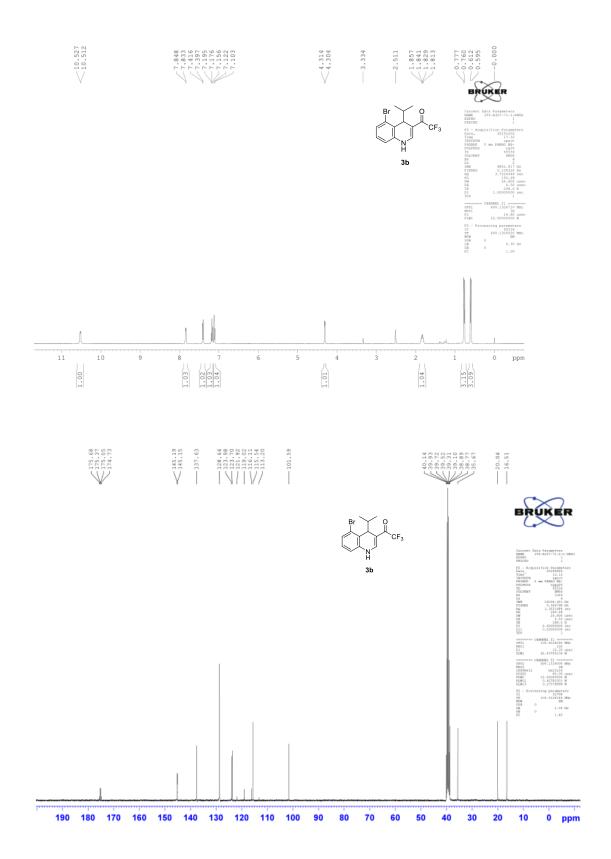
wangdong@tust.edu.cn

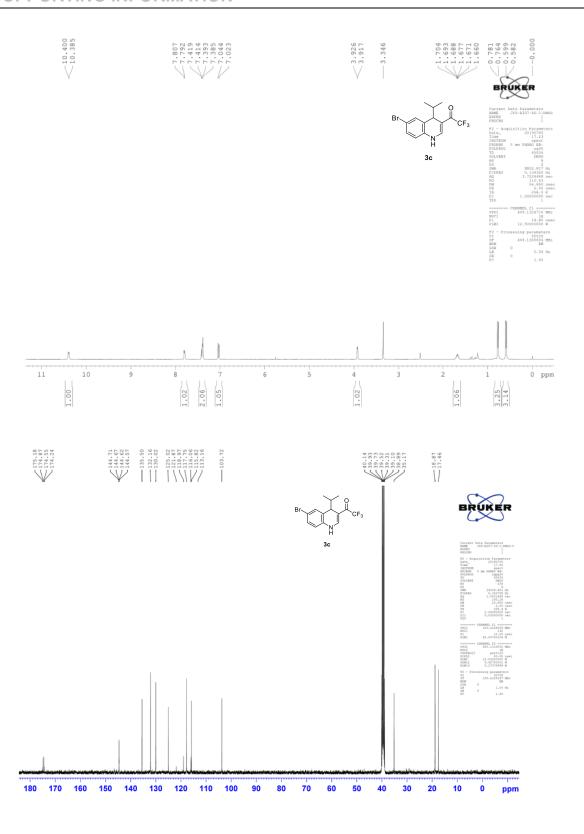
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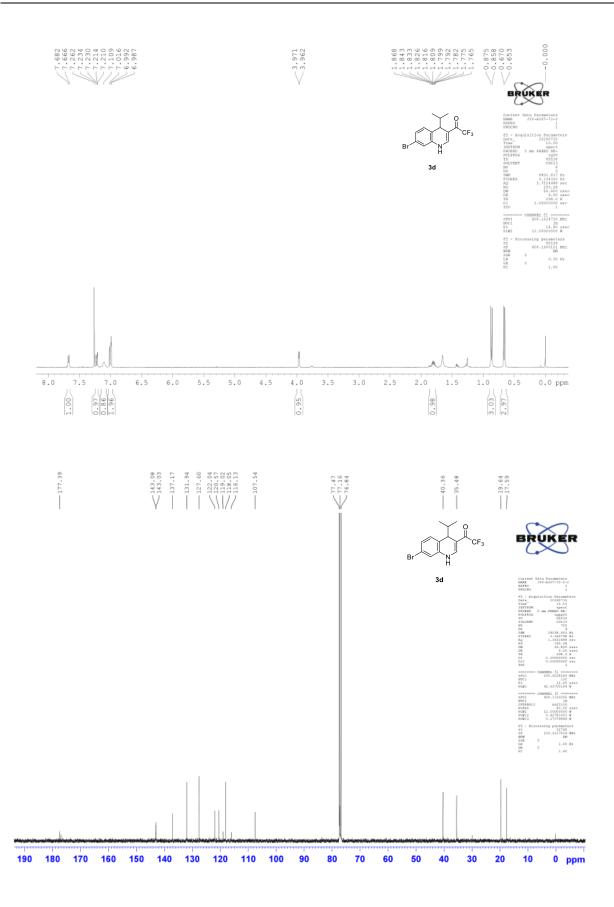
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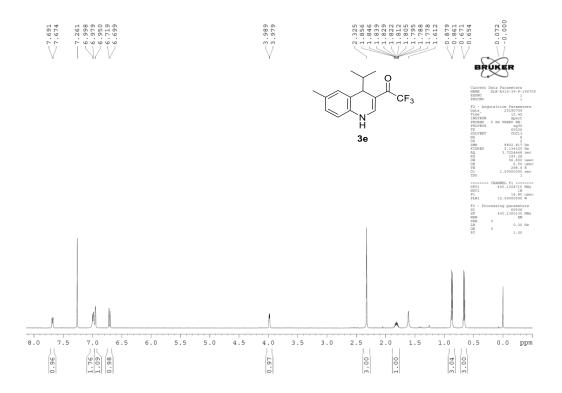
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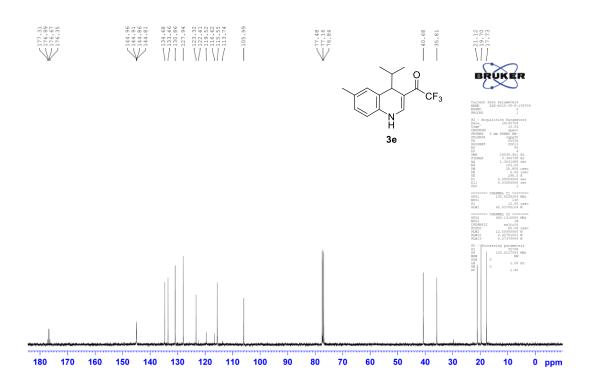


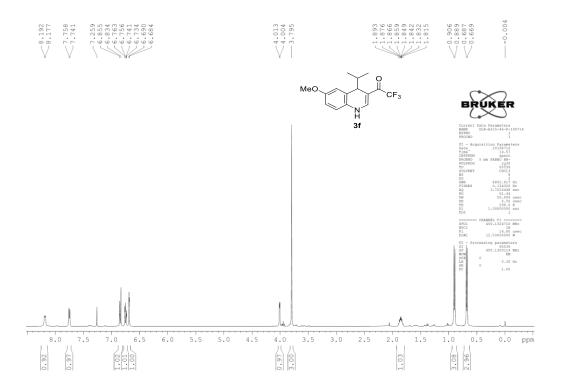


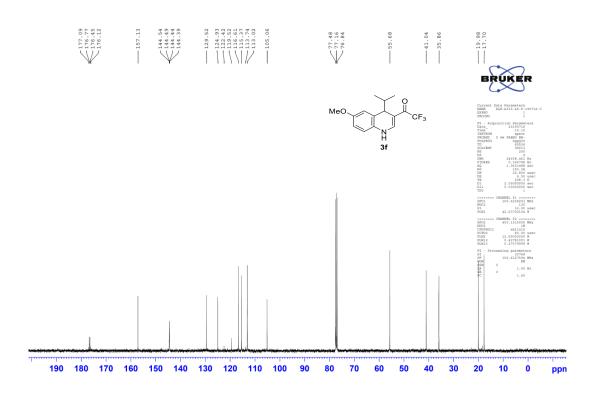


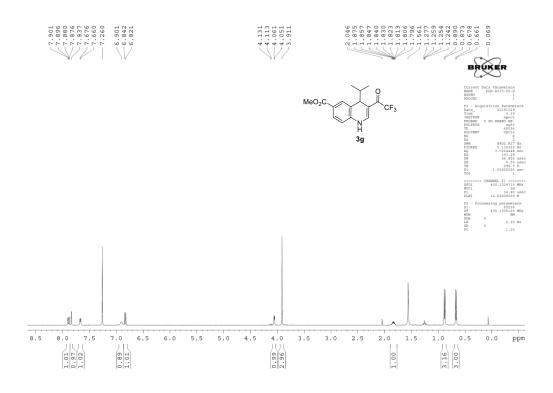


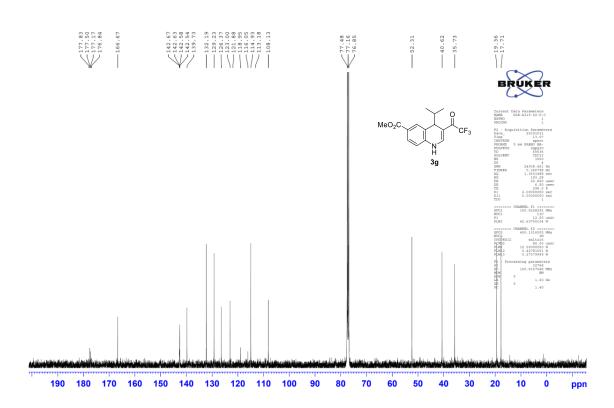


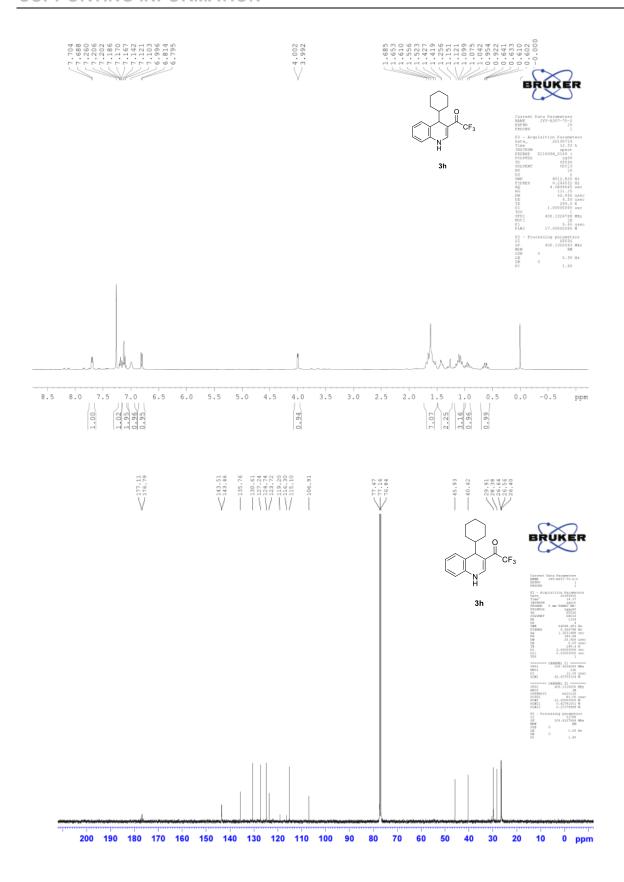


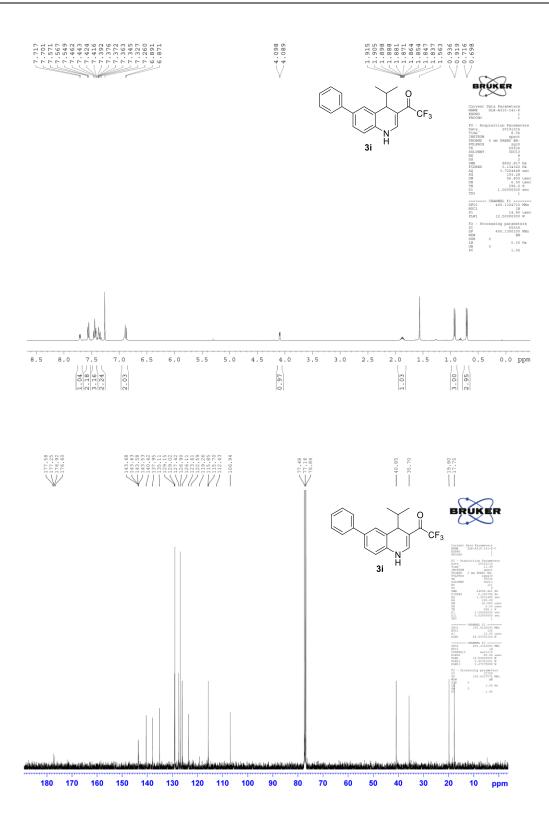


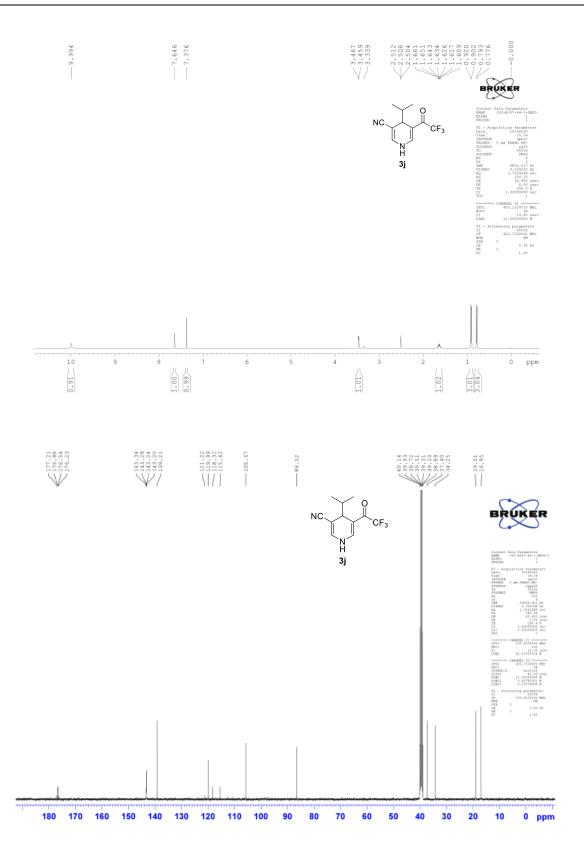


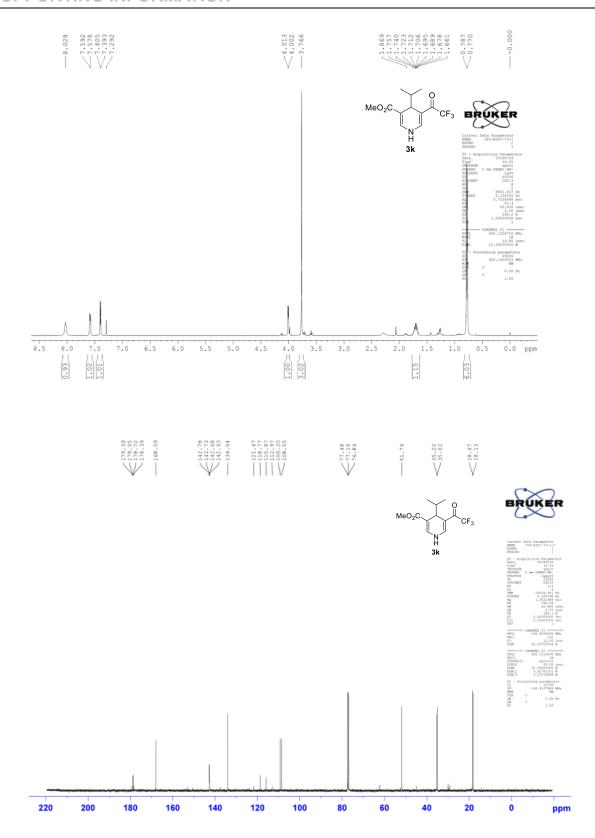


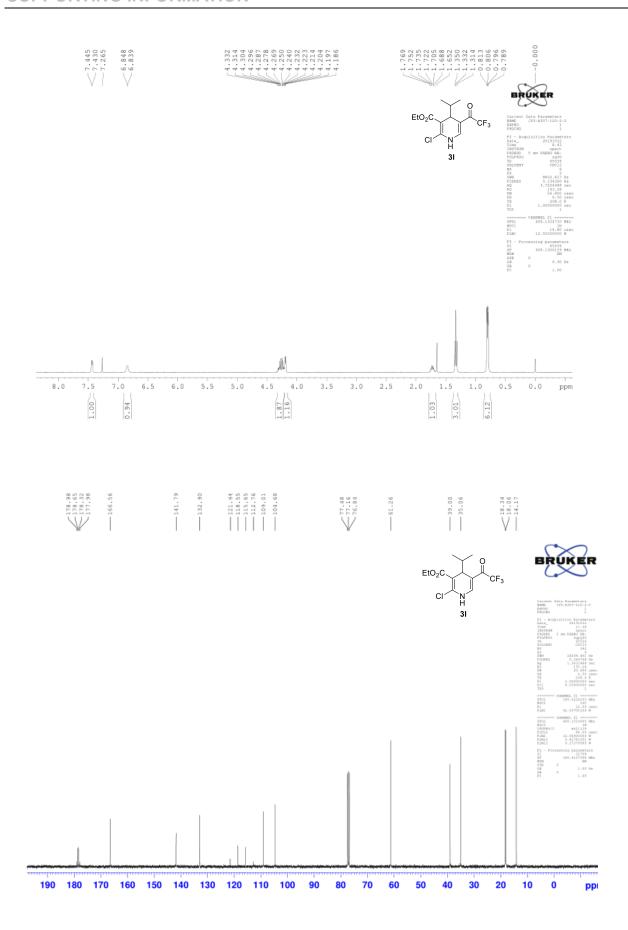


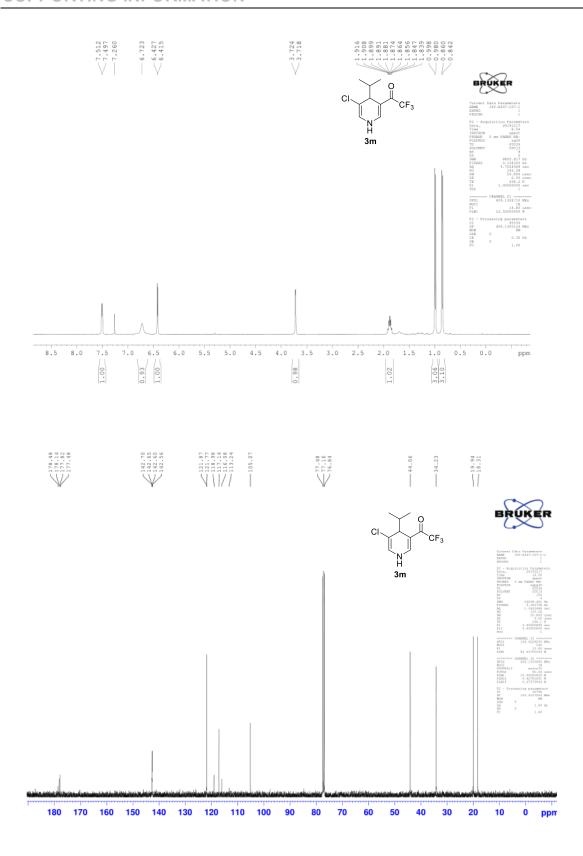


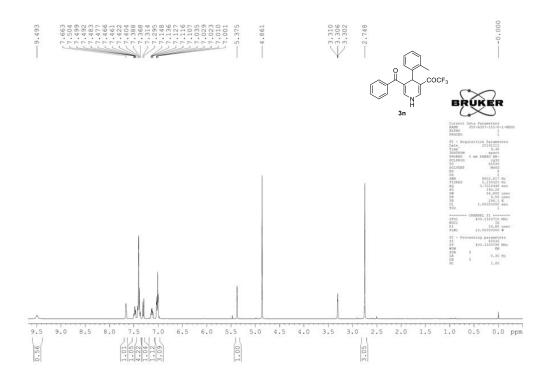


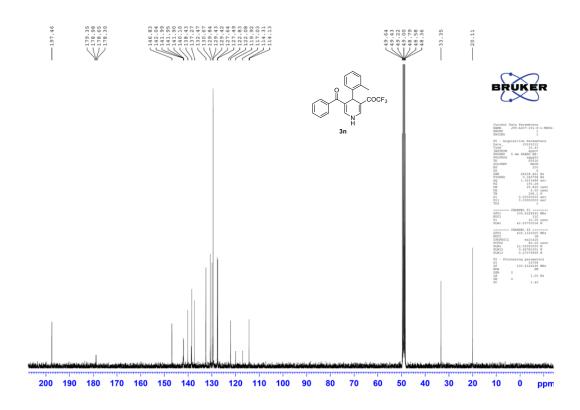


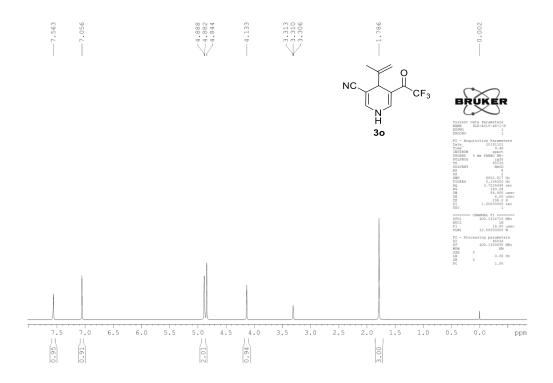


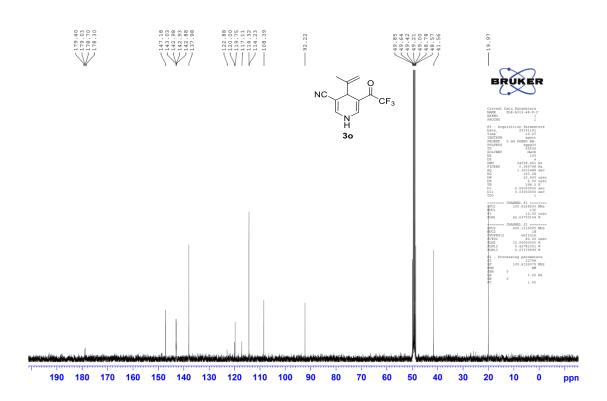


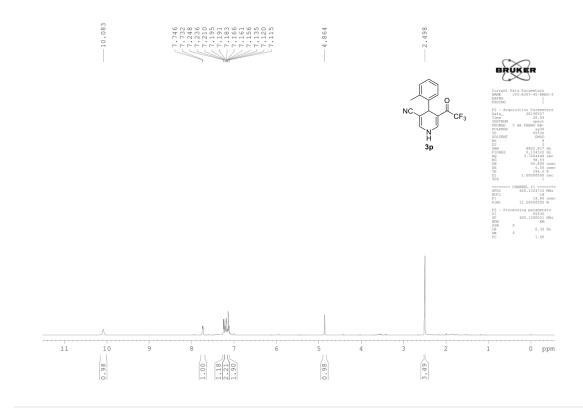


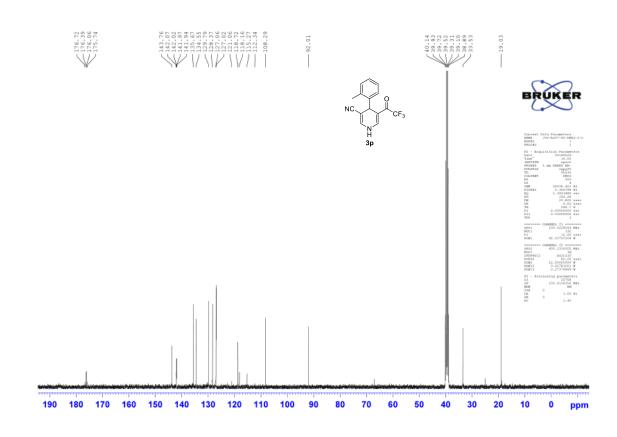


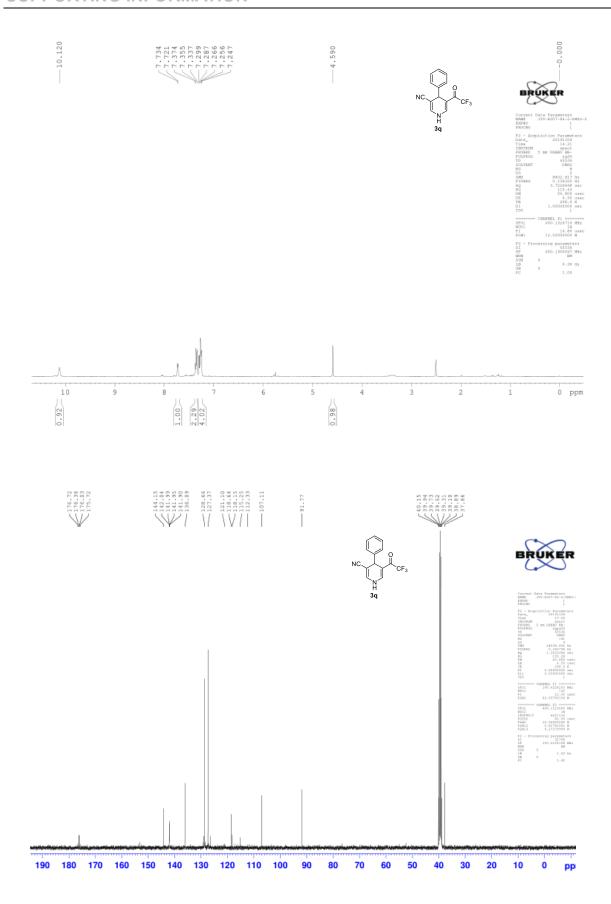


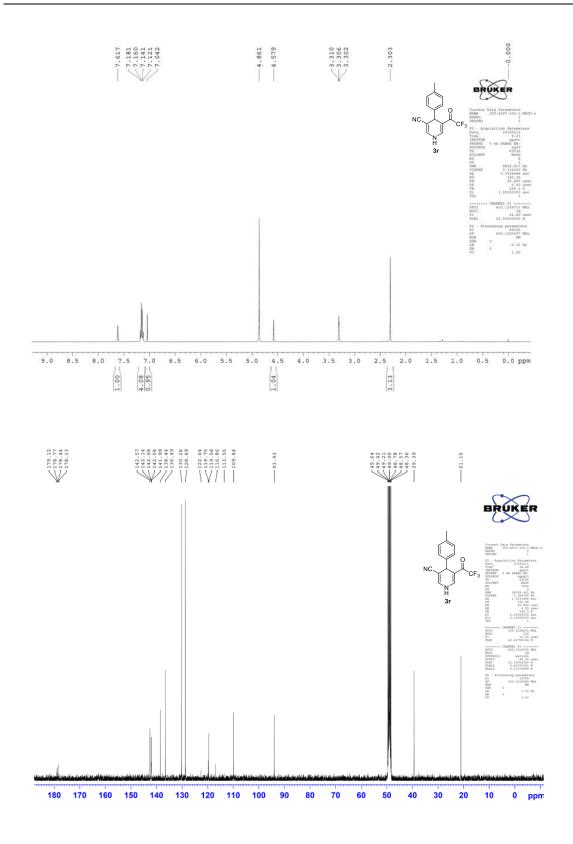


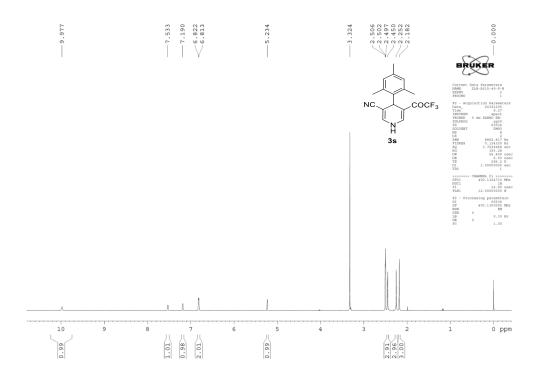


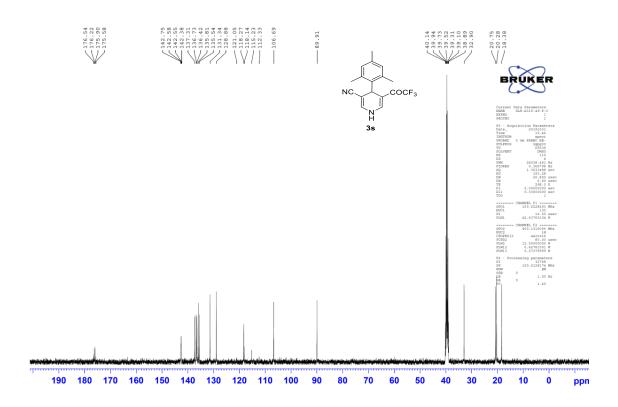


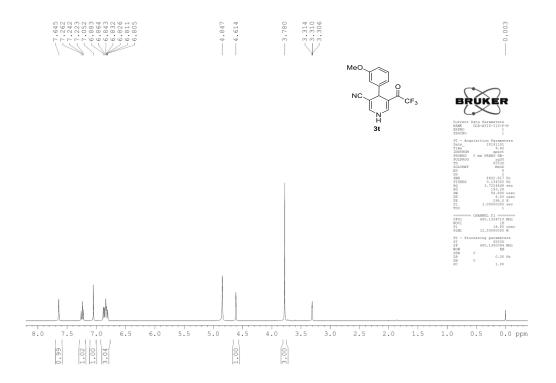


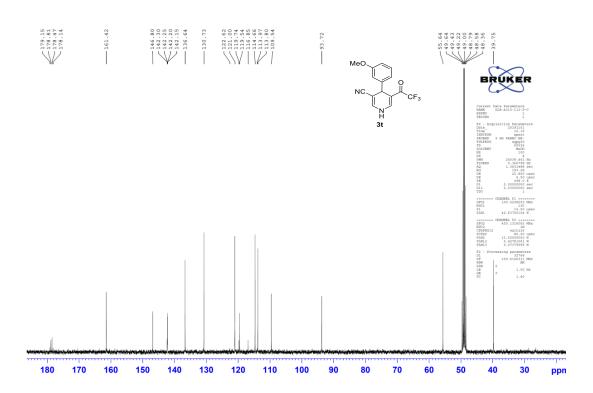


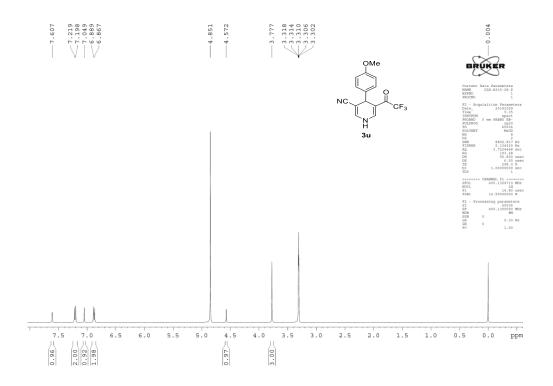


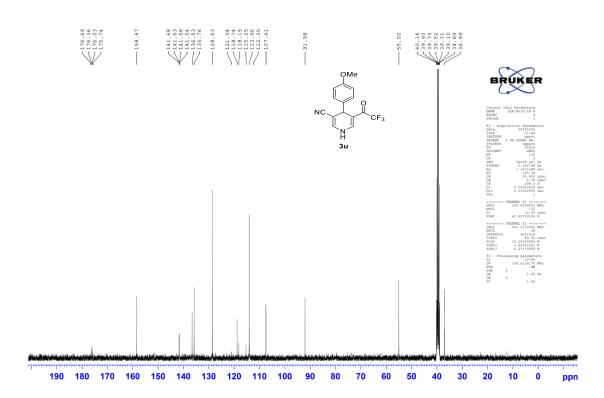


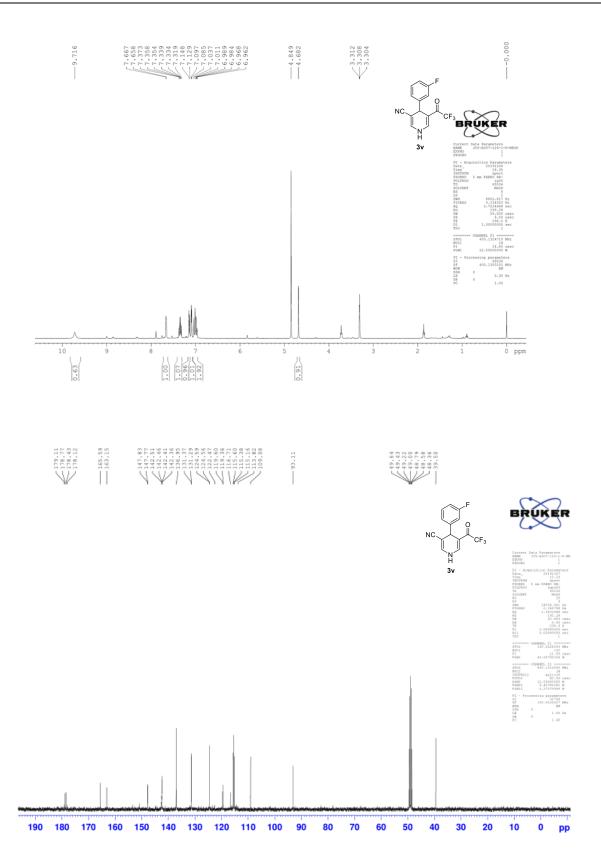


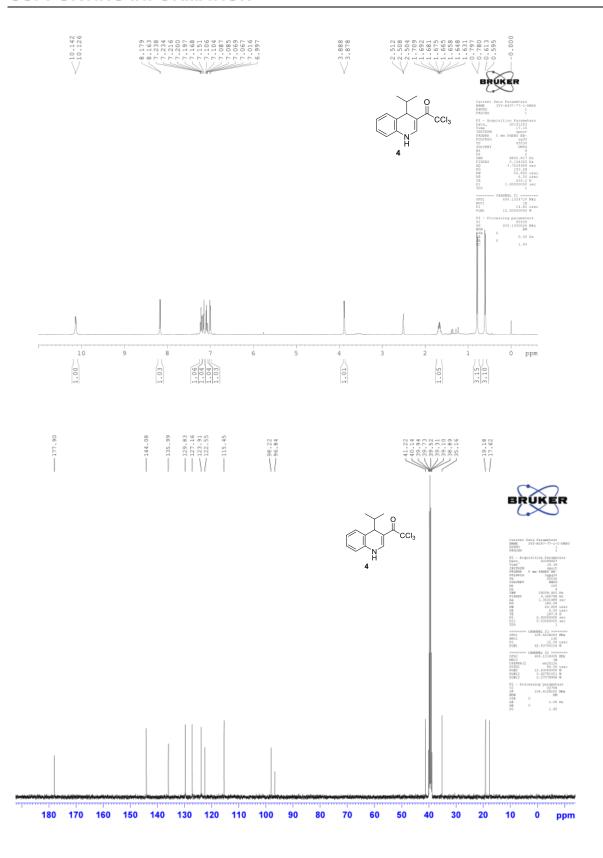


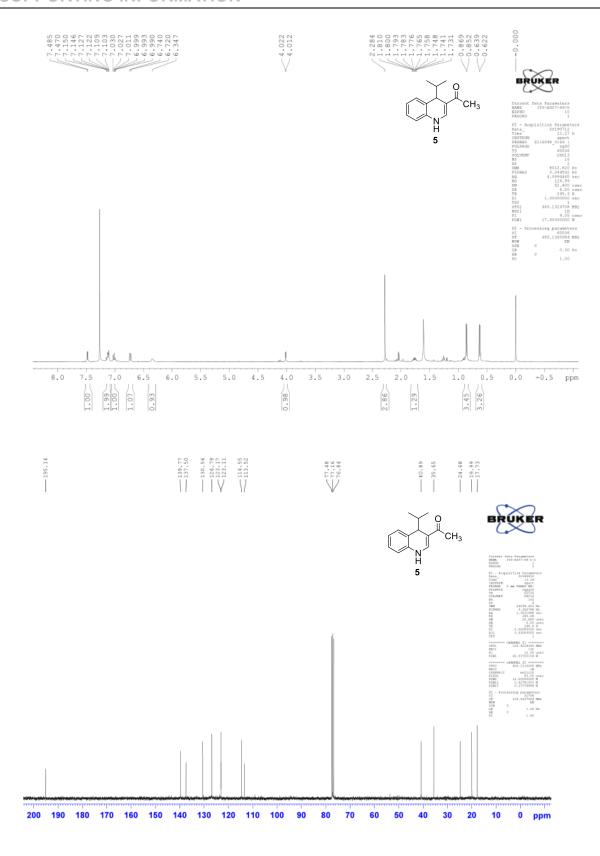


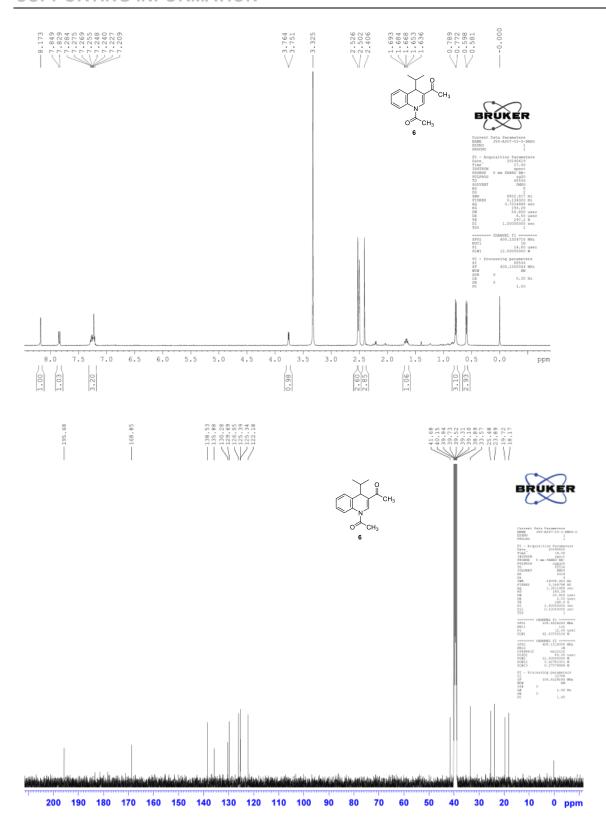


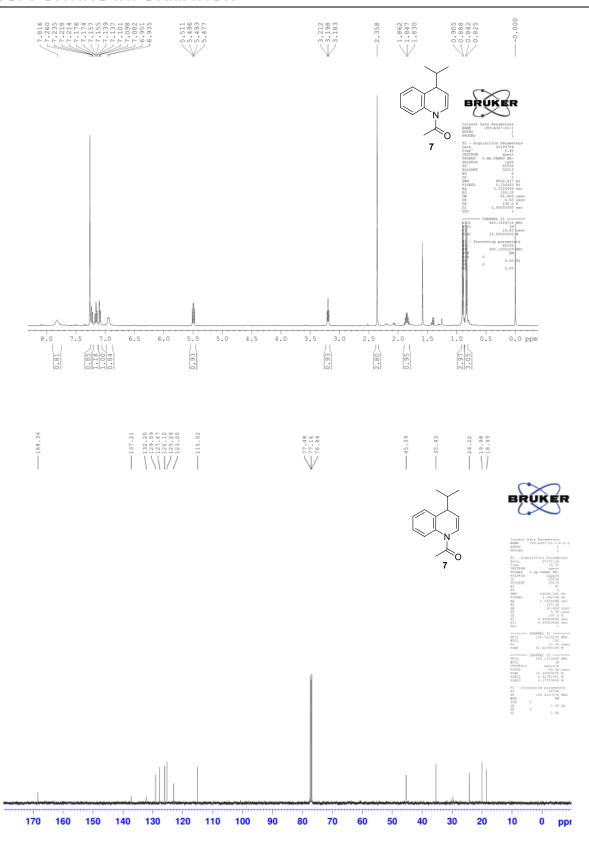


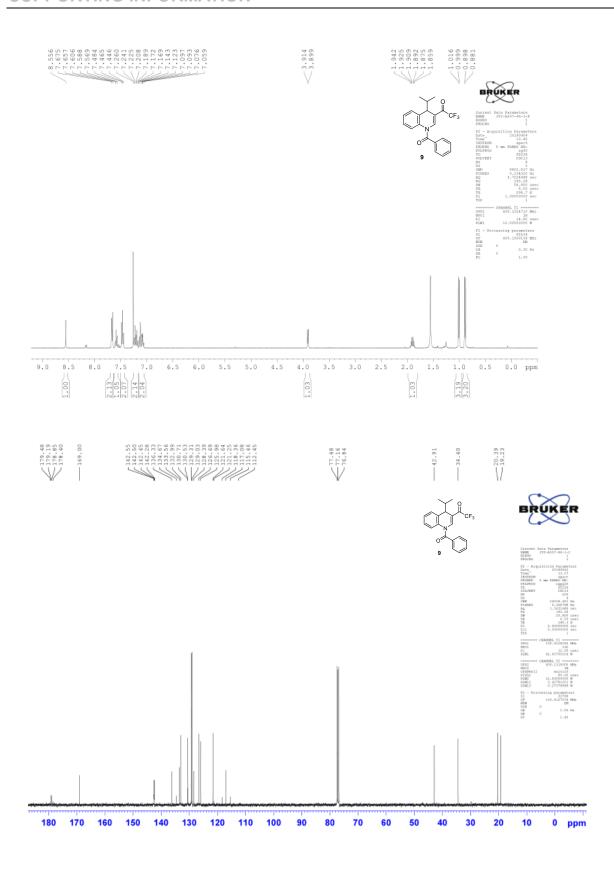


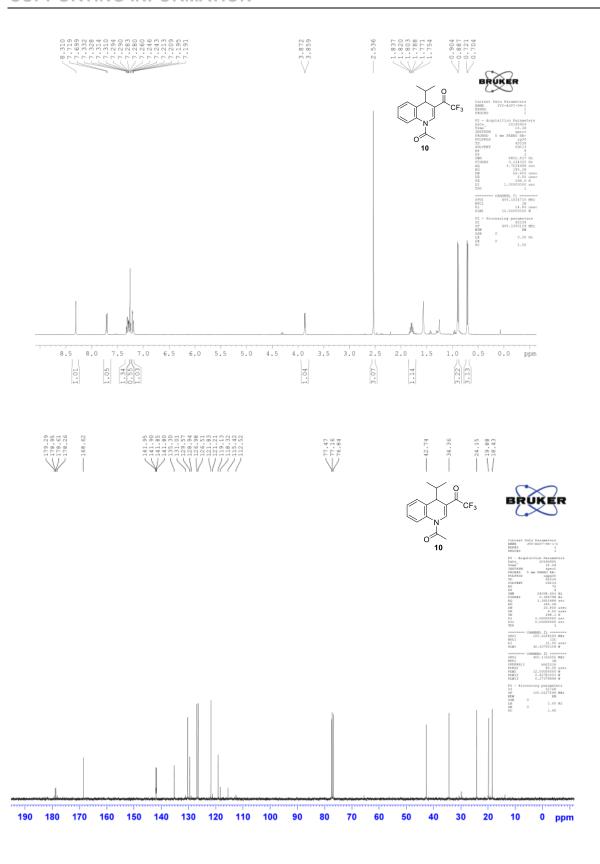


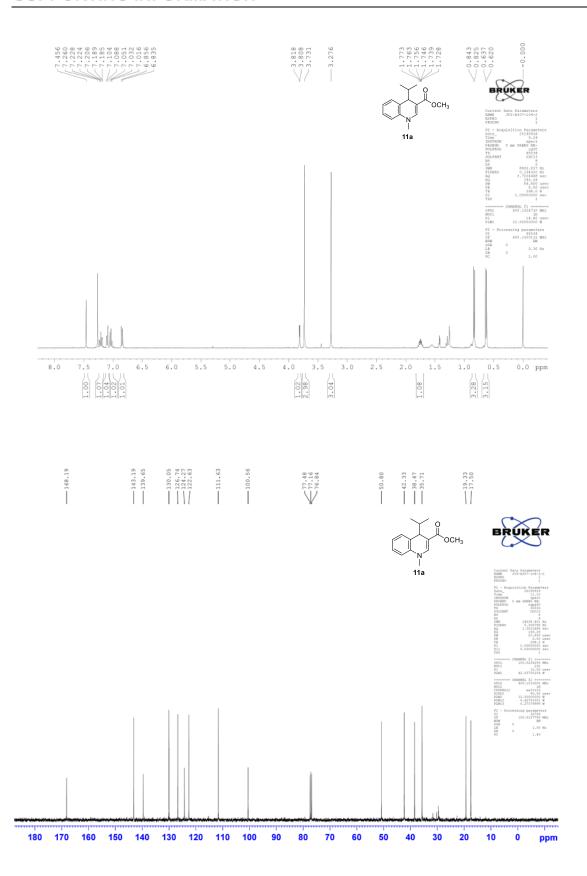


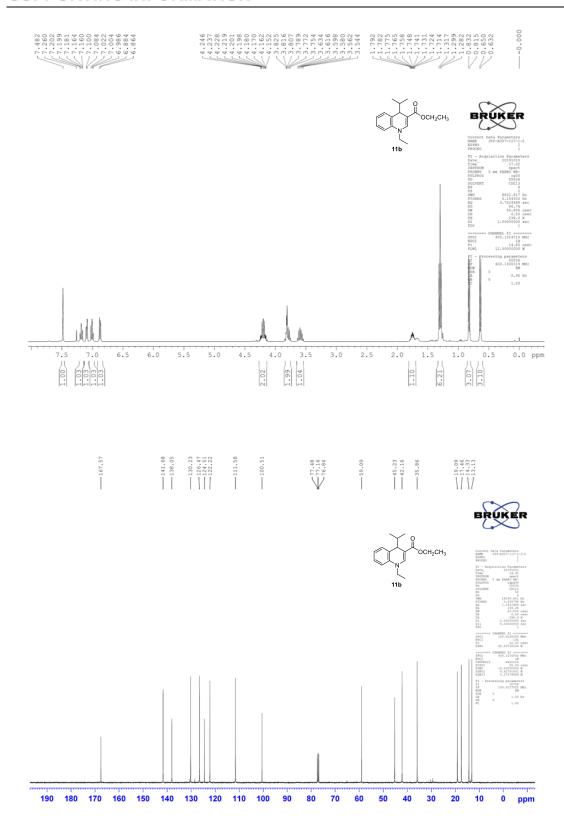


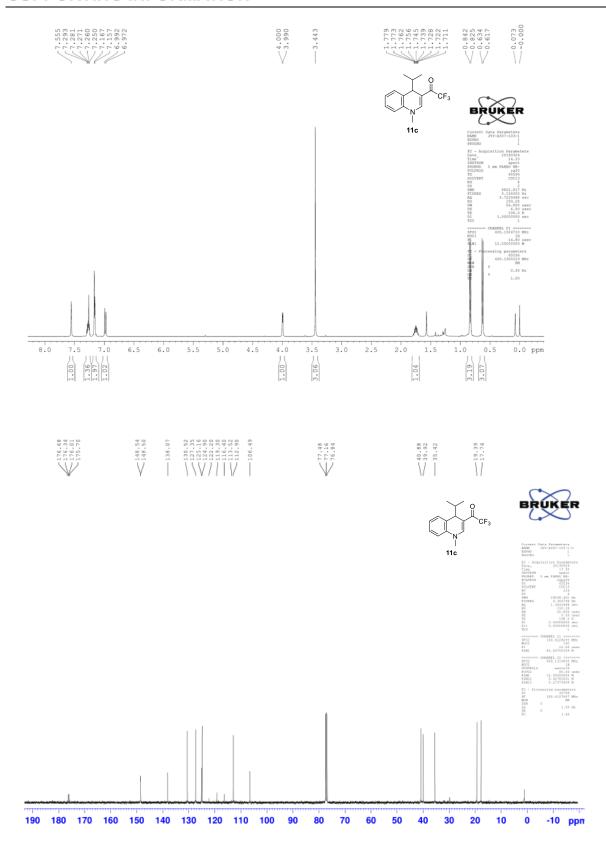


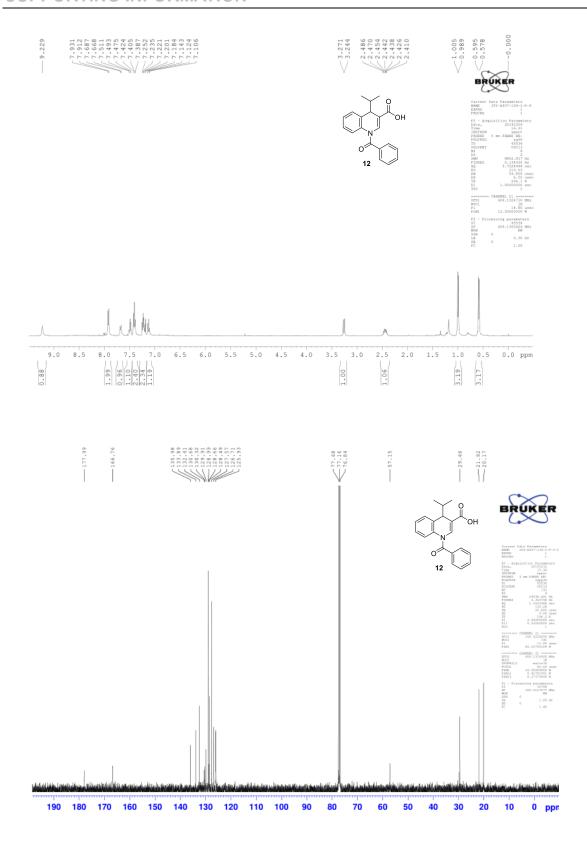


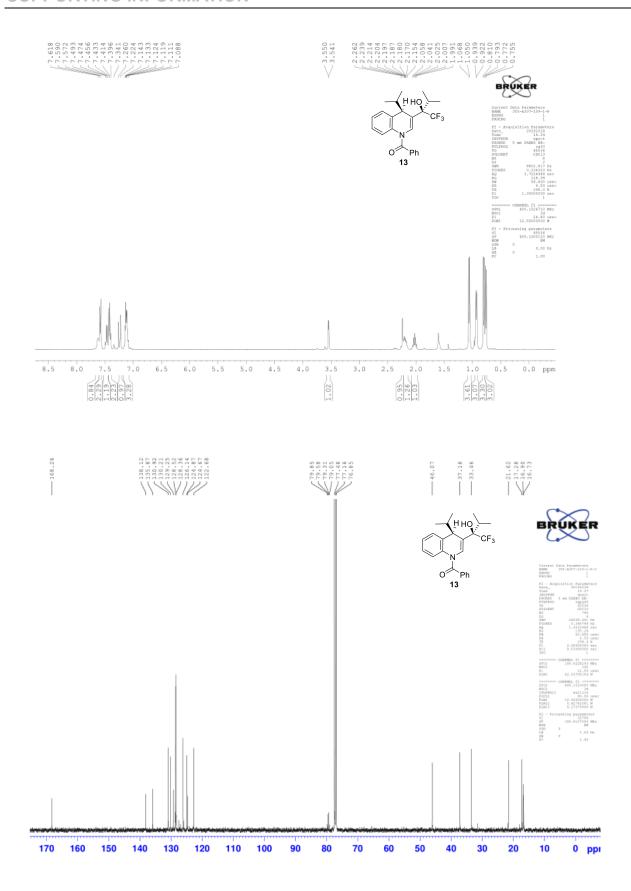


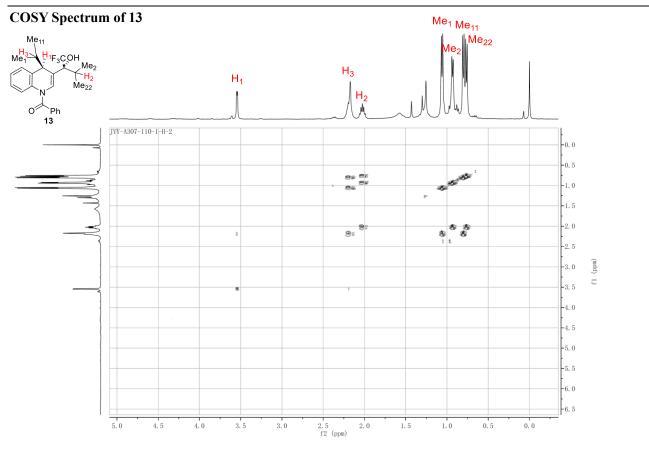




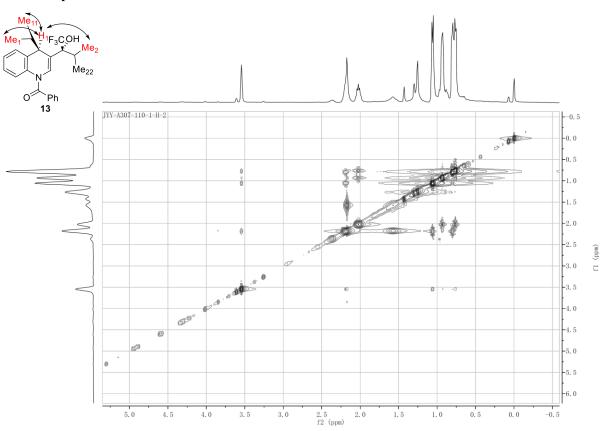








NOESY Spectrum of 13



${\bf 2. \ Rationalization \ of \ the \ relative \ stereo \ configuration \ of \ 13}$

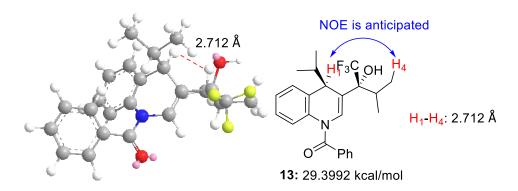
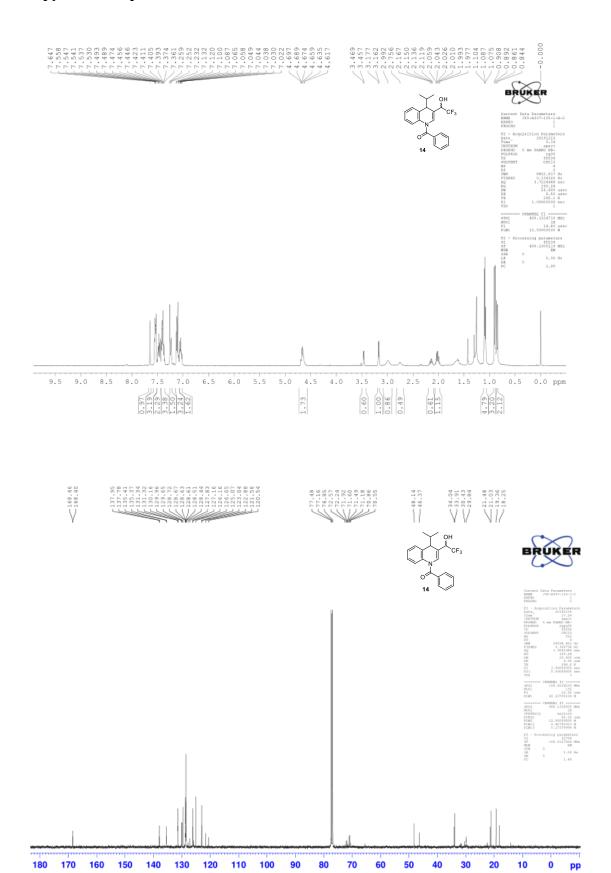
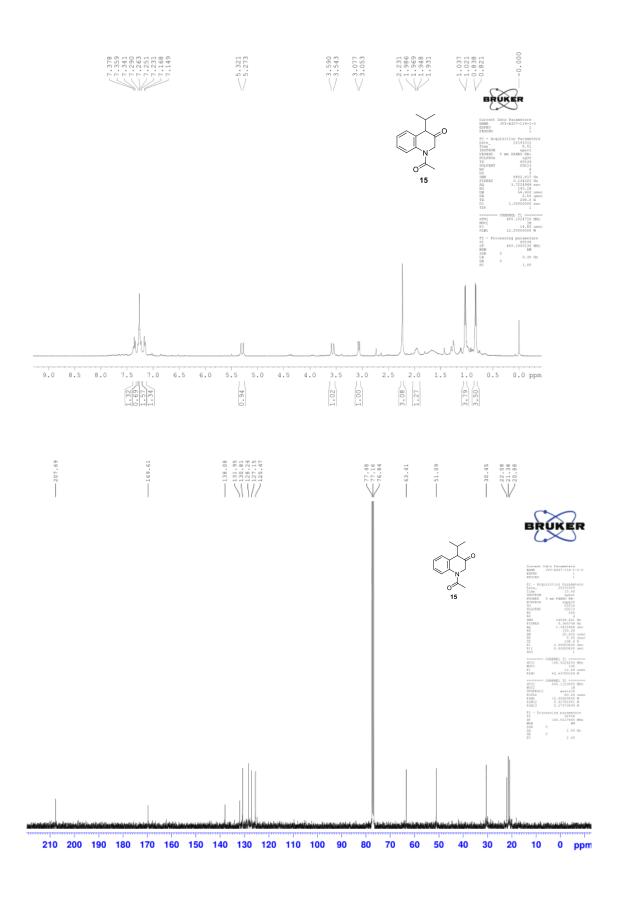
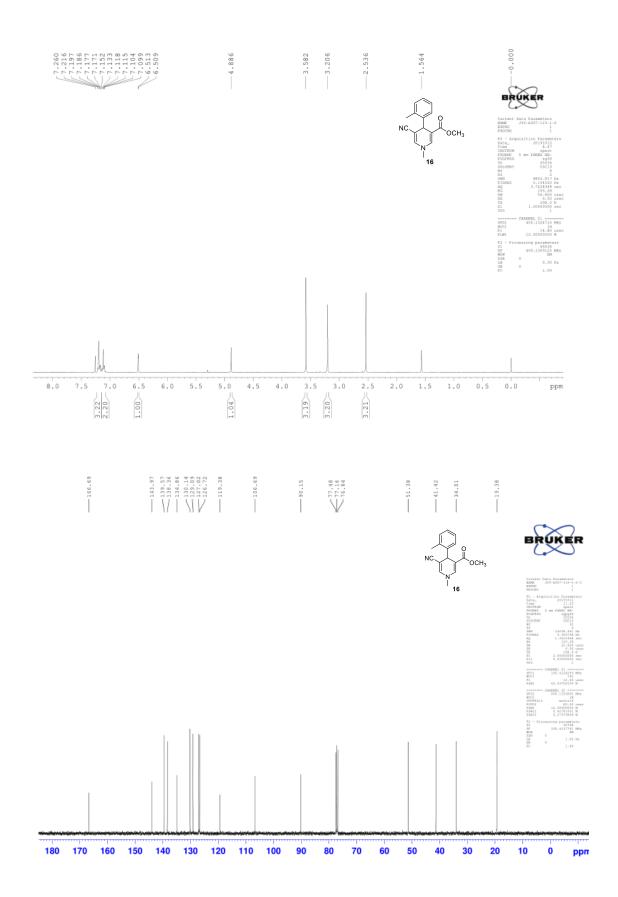


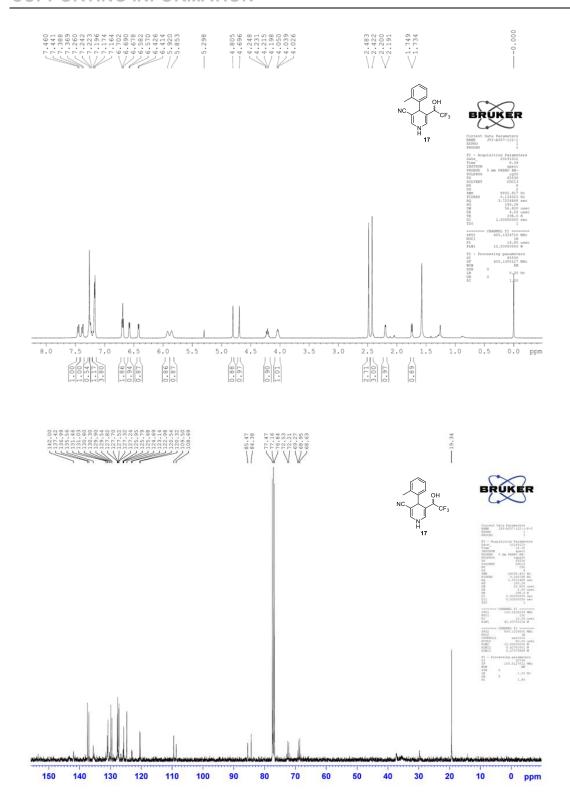
Fig.1 Most stable conformation of 13 calculated by ChemDraw 14.0 3D

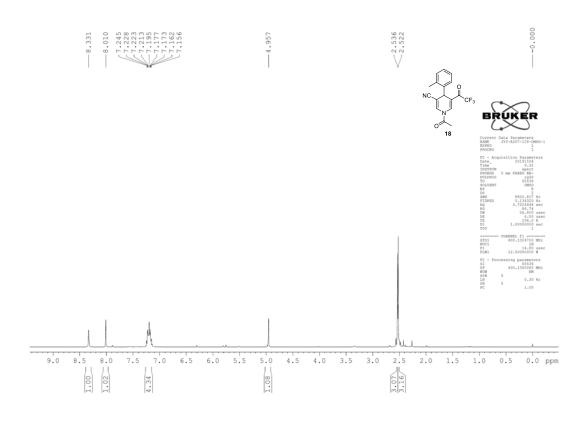
3. Copy of NMR spectrum for 14-19

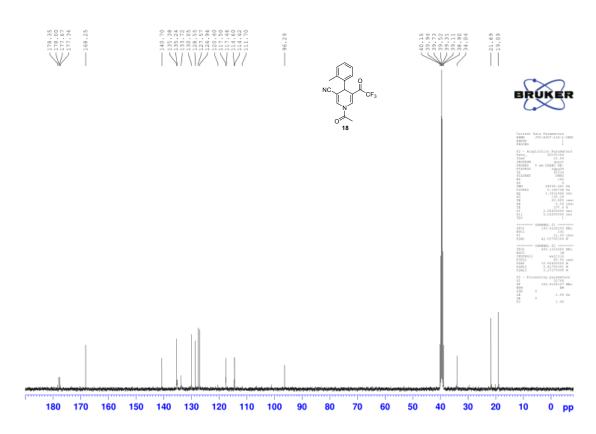


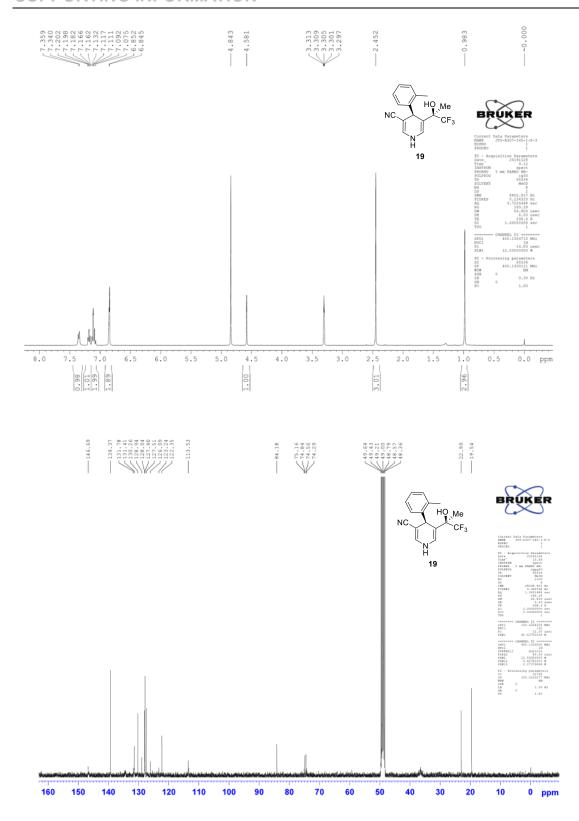


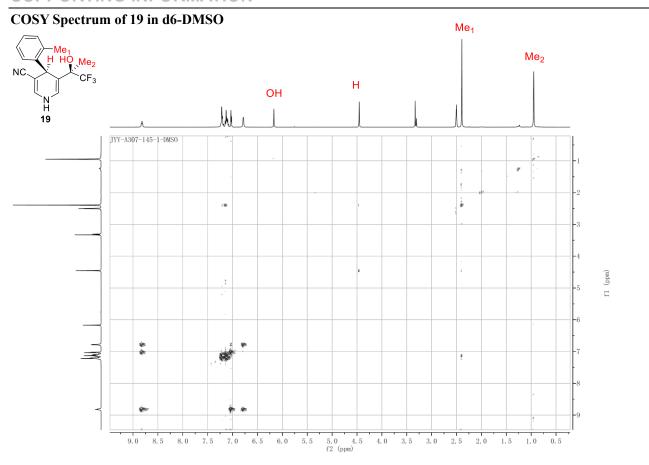




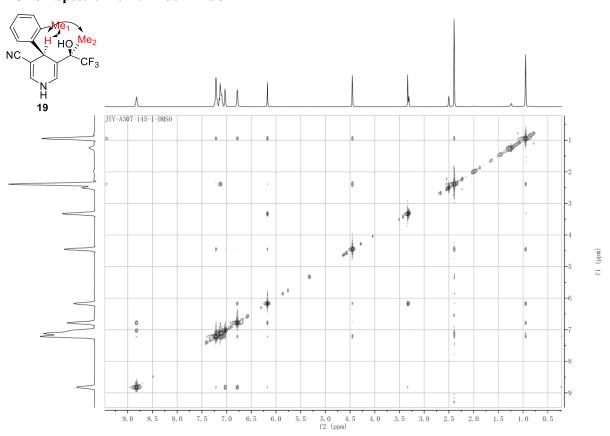








NOESY Spectrum of 19 in d6-DMSO



4. Rationalization of the relative stereo configuration of 19

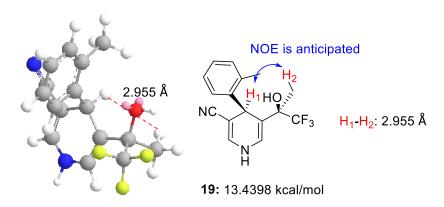


Fig.2 Most stable conformation of 19 calculated by ChemDraw 14.0 3D