

Supporting Information

A Synthesis of 3, 4-Dihydroisoquinolin-1(2H)-one via the Rhodium-Catalyzed Alkylation of Aromatic Amides with N-Vinylphthalimide

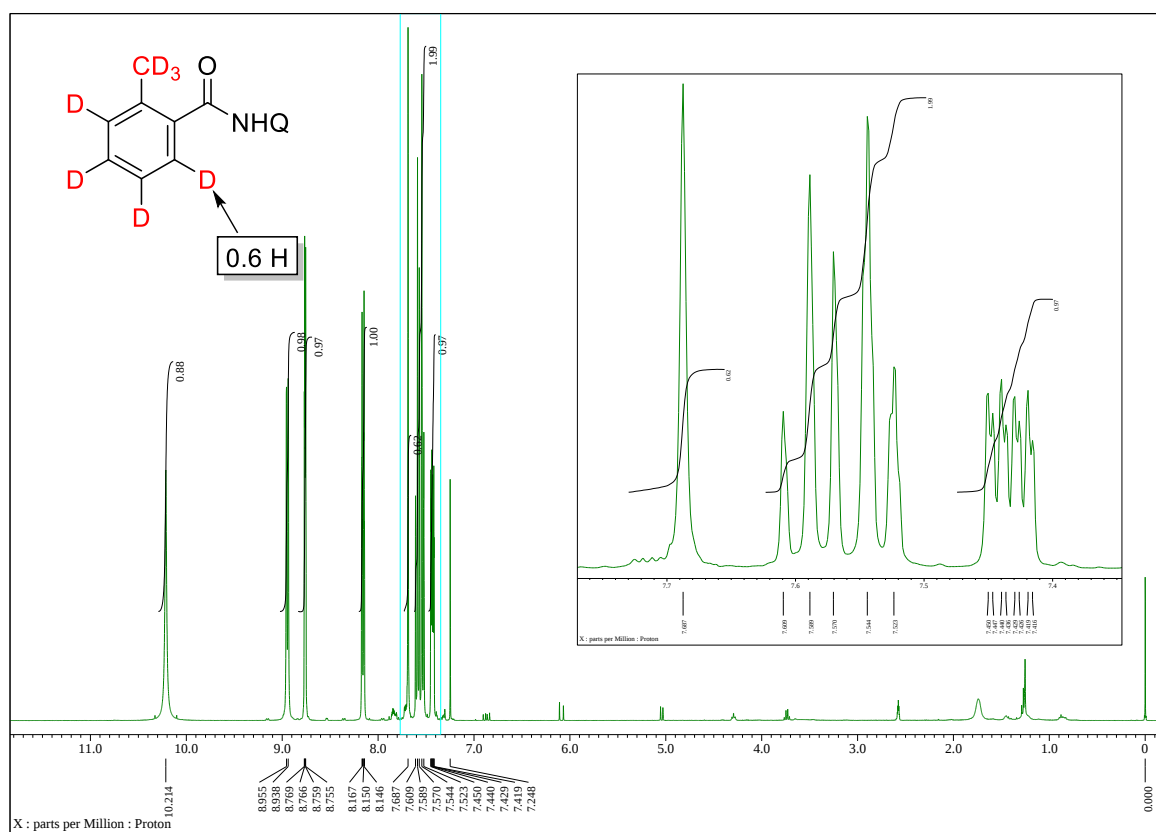
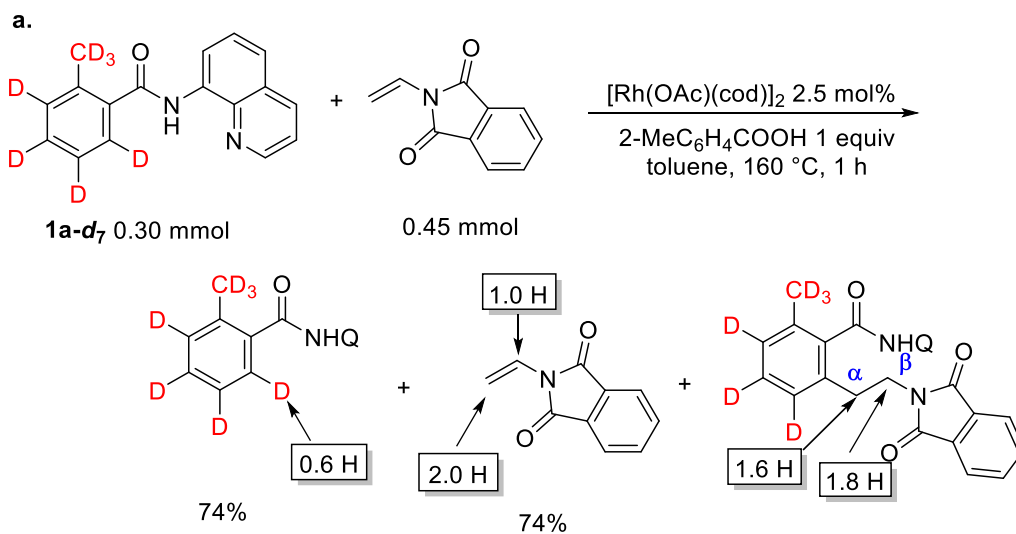
Qiyuan He and Naoto Chatani*

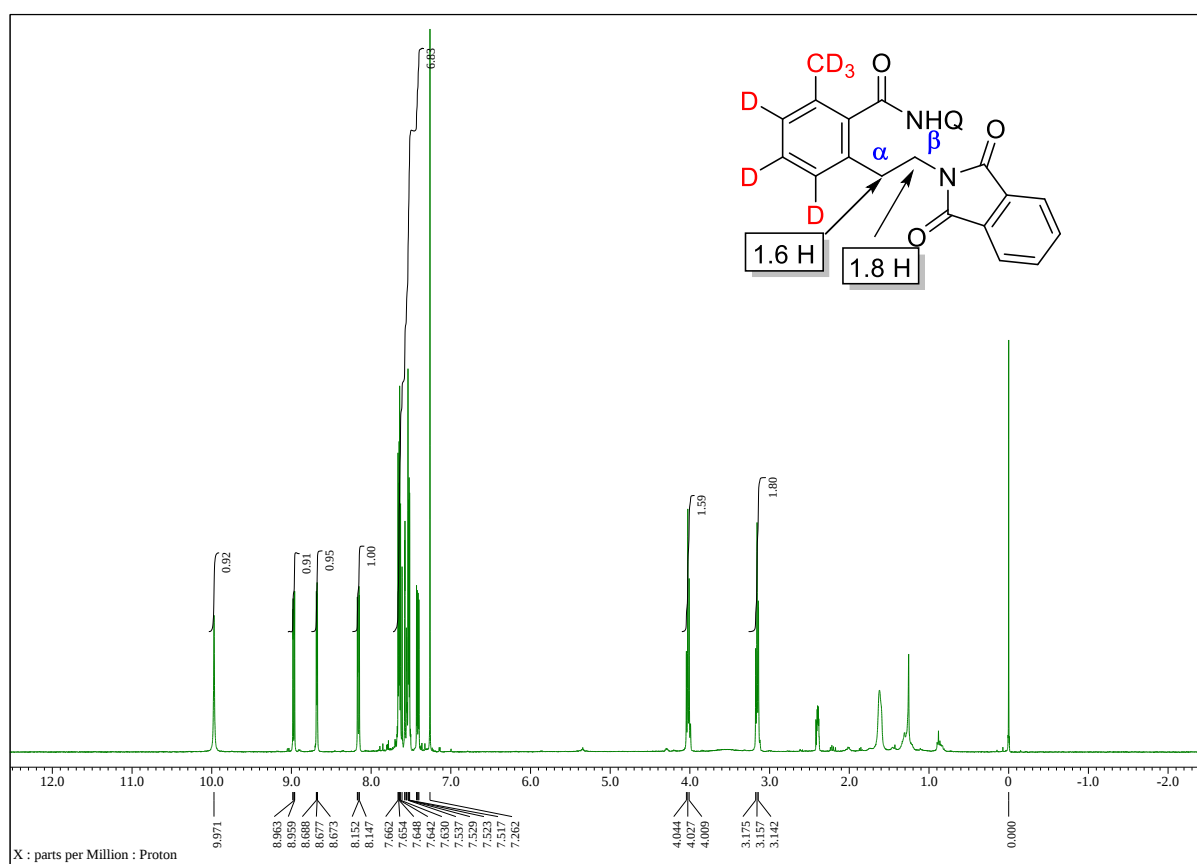
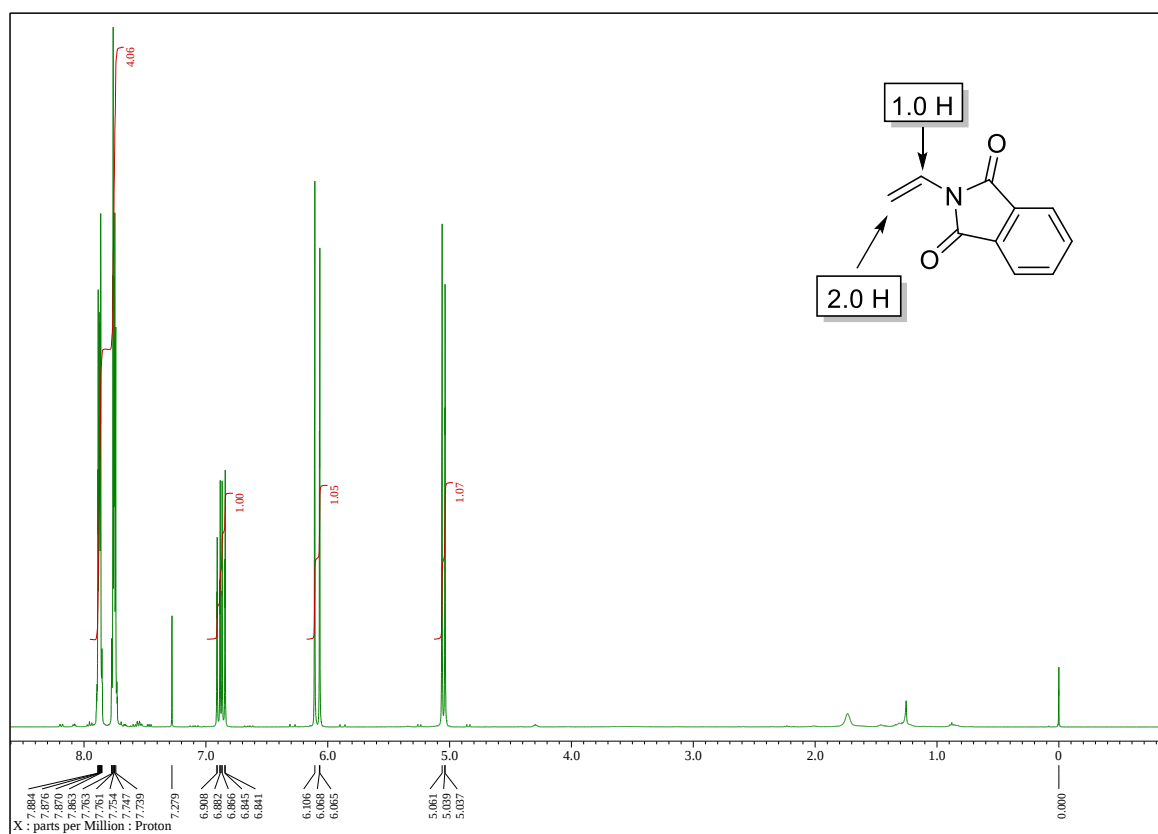
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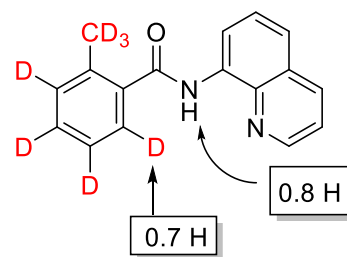
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I. Deuterium Labeling Experiments





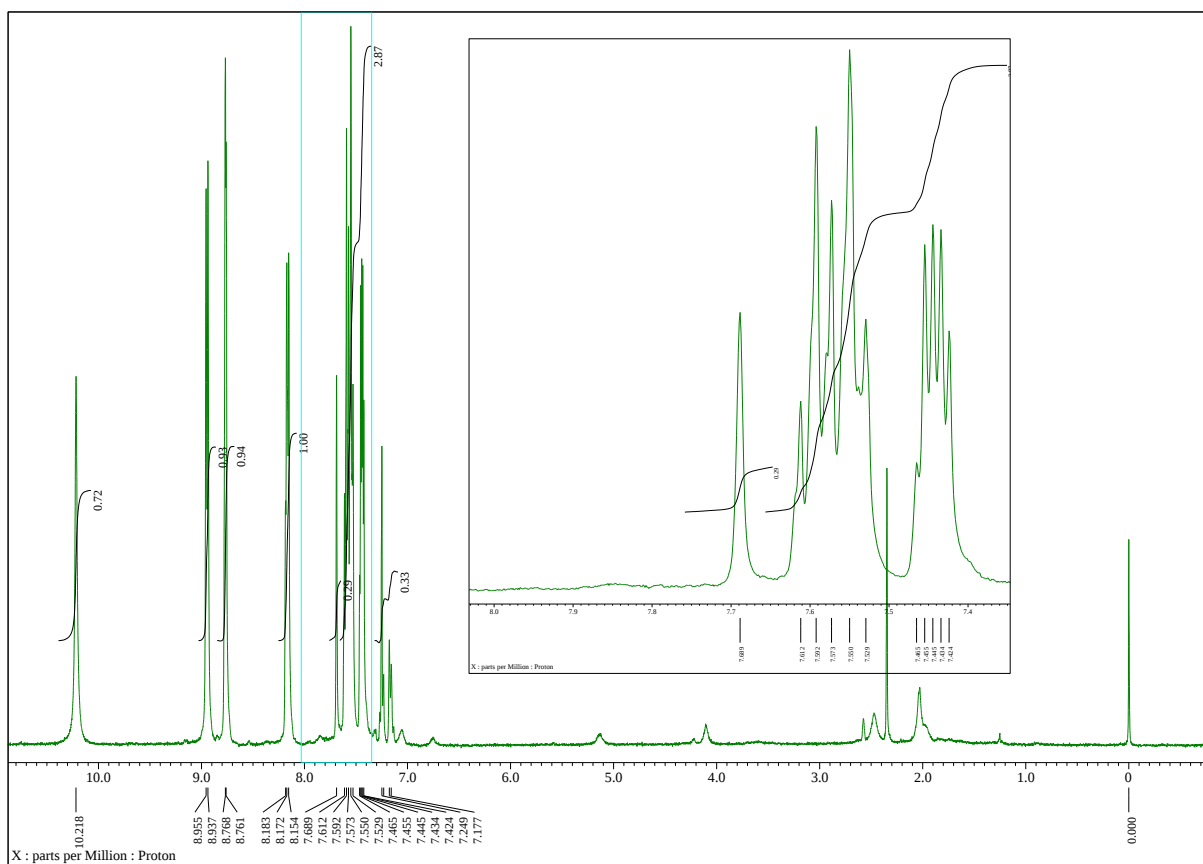
CN(C(=O)c1cc(C)cc(C)c1C)C1=CC=CC=C2C=CC=CC=C12

1.00
0.95
0.96
1.00
0.92
0.93
0.84

0.74
0.80
0.82

X : parts per Million - Proton

10.218
9.957
8.938
8.766
8.763
8.756
8.753
8.169
8.149
8.143
7.689
7.590
7.572
7.568
7.564
7.542
7.525
7.521
7.443
7.433
7.425
0.000



II. Copies of ^1H and ^{13}C NMR Spectra

