

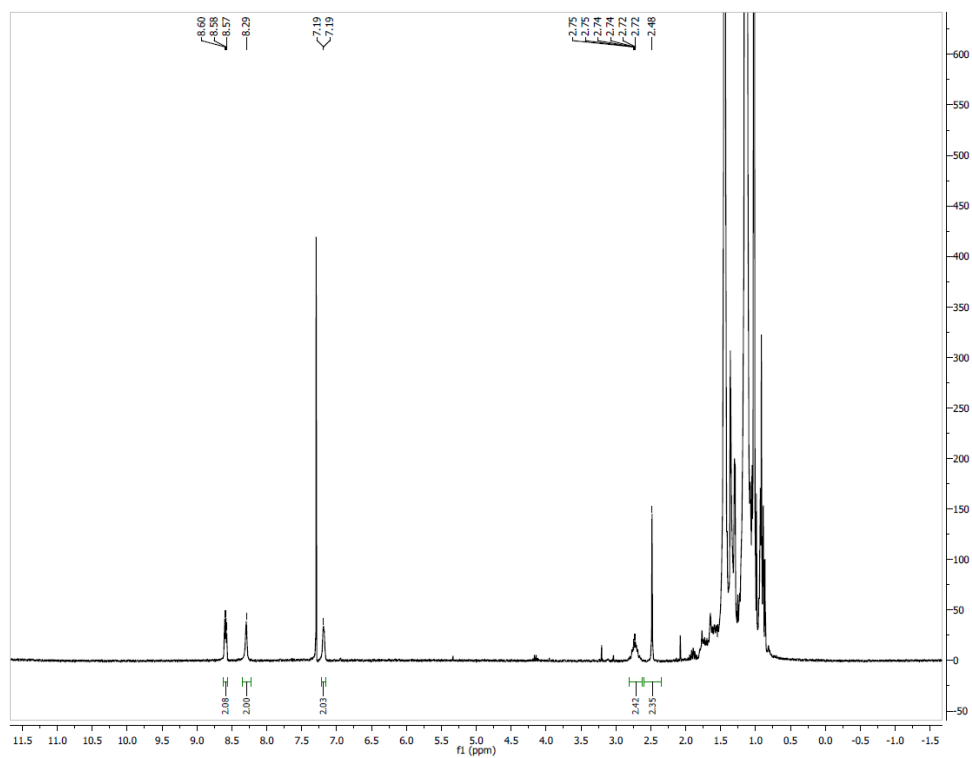
Supporting Information

Visible Light Mediated Photoredox Reactions Catalyzed by Recyclable PIB-bound Ruthenium Photoredox Catalysts

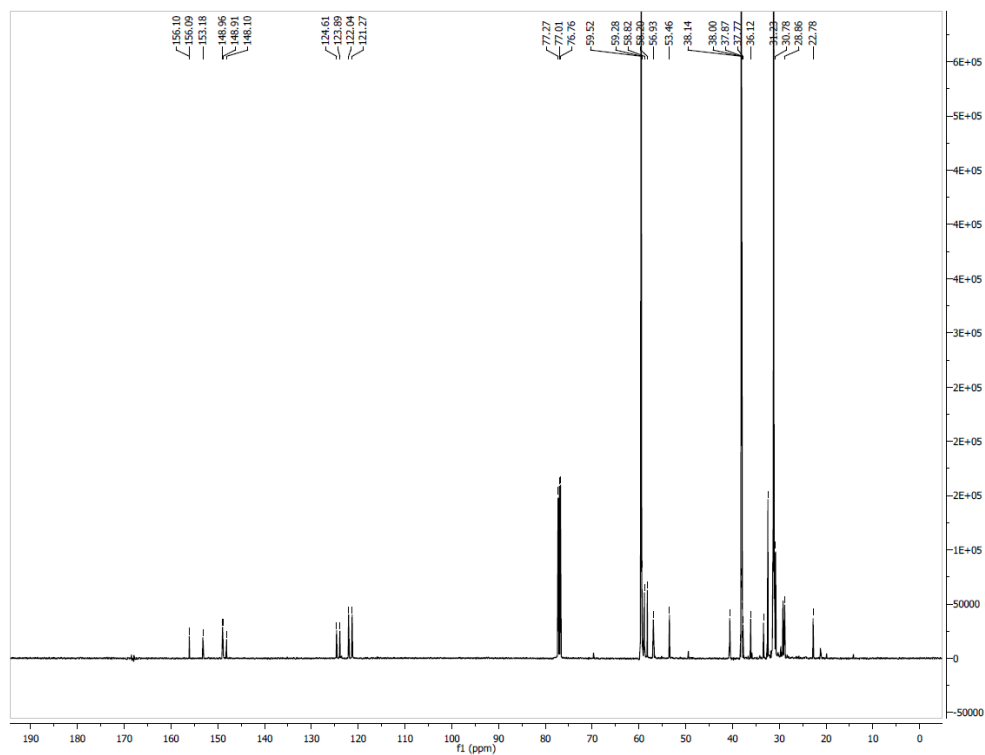
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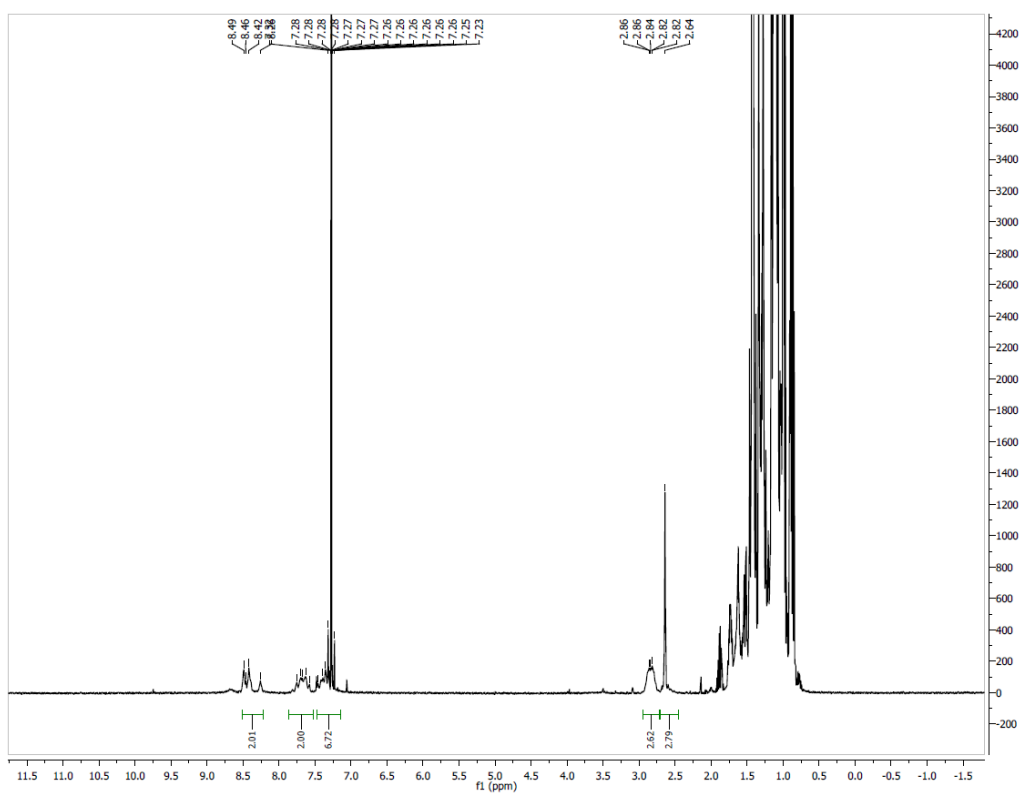
¹H and ¹³C NMR spectra PIB-bound bipyridine ligand (5) - ¹H NMR



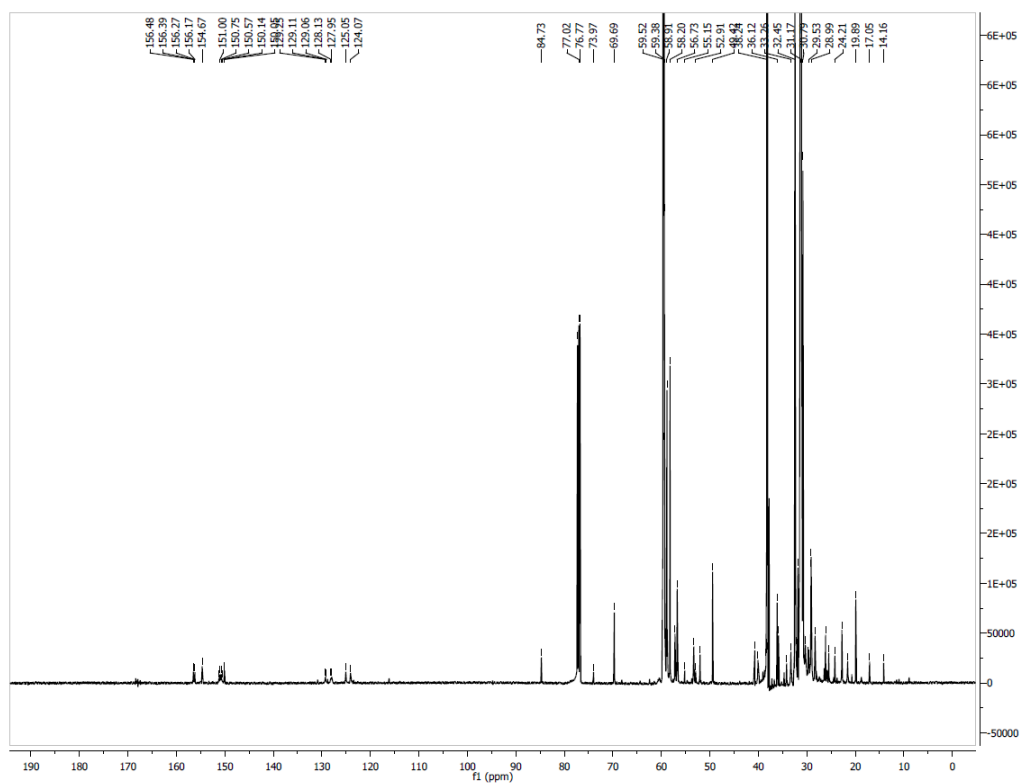
PIB-bound bipyridine ligand (5) - ¹³C NMR



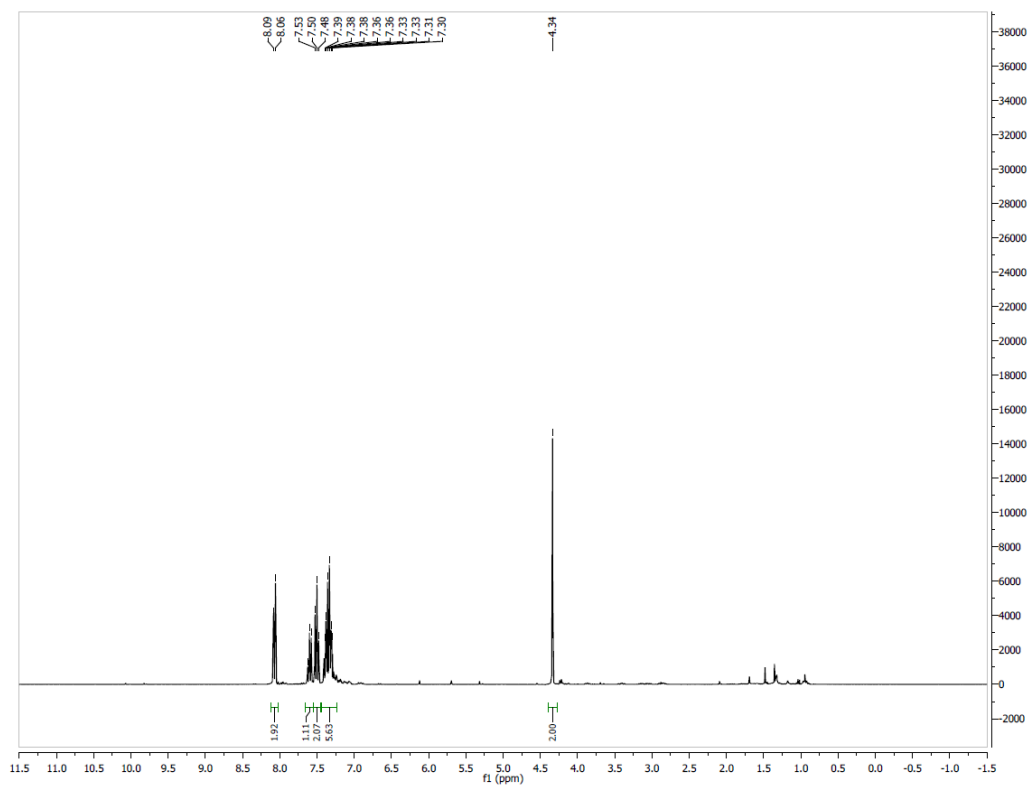
PIB-bound Ru(II)-bipyridine complex (6) - ^1H NMR



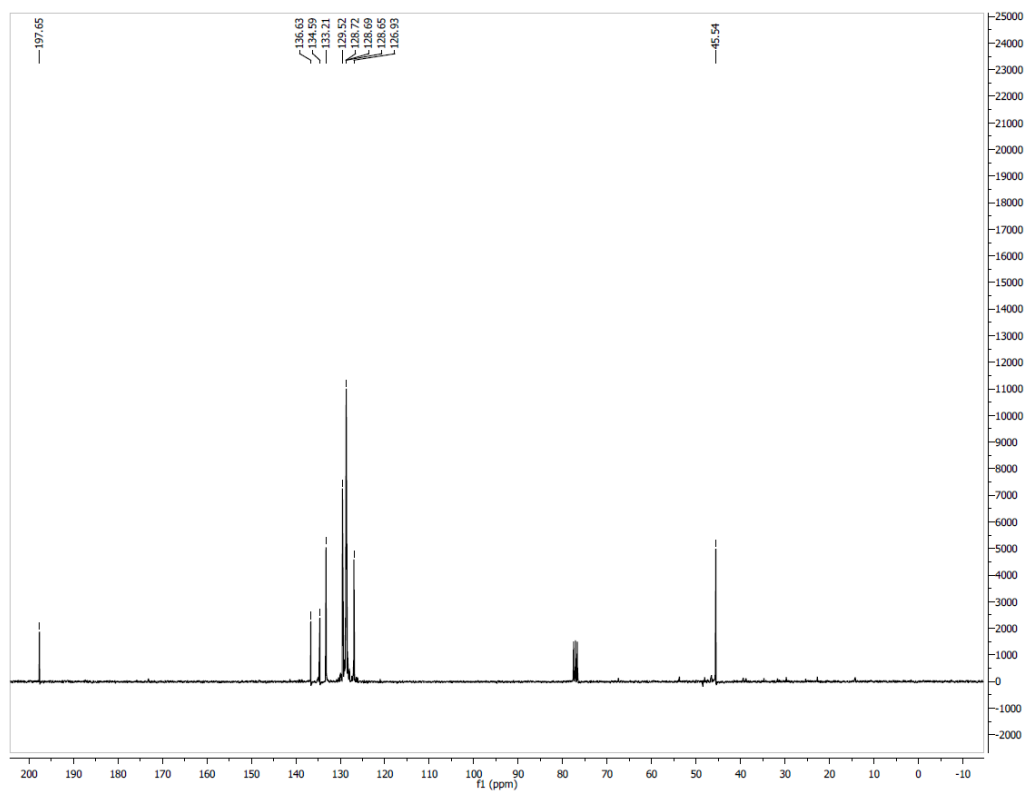
PIB-bound Ru(II)-bipyridine complex (6) - ^{13}C NMR



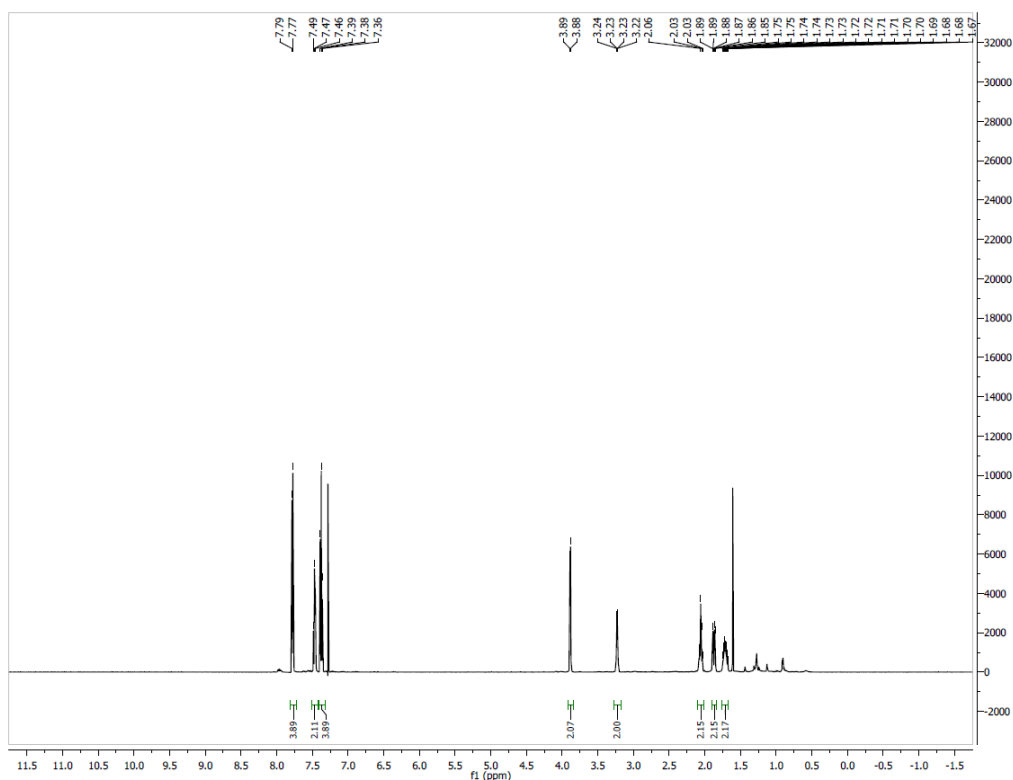
1, 2-diphenylethanone (8) - ^1H NMR



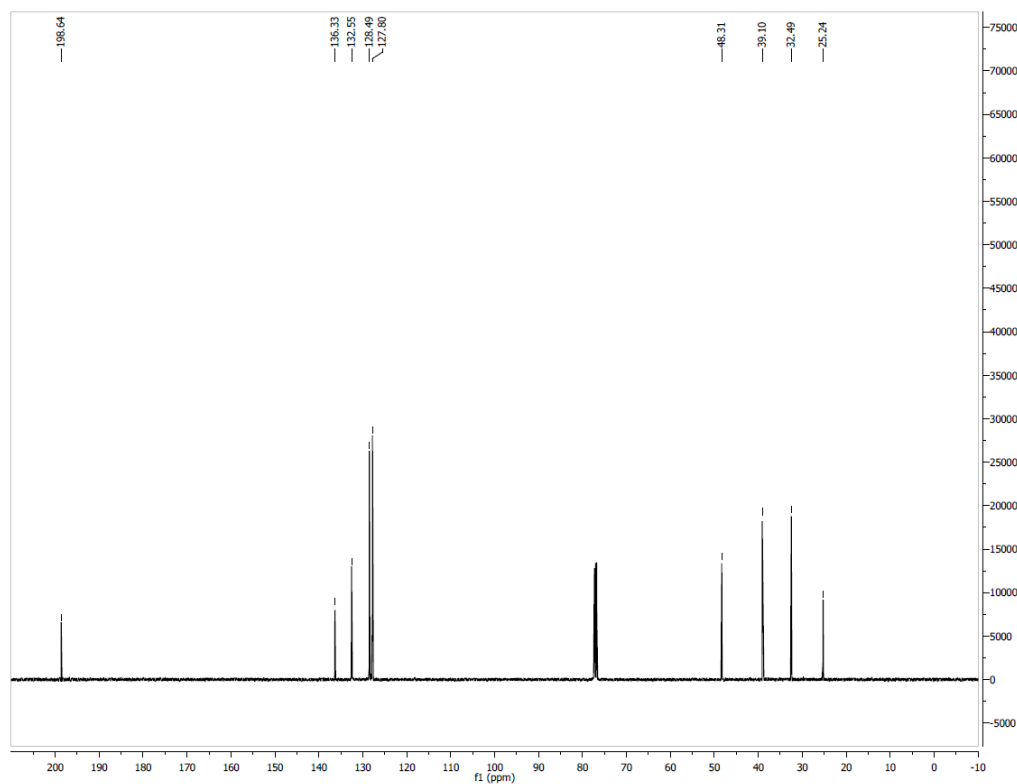
1, 2-diphenylethanone (8) - ^{13}C NMR



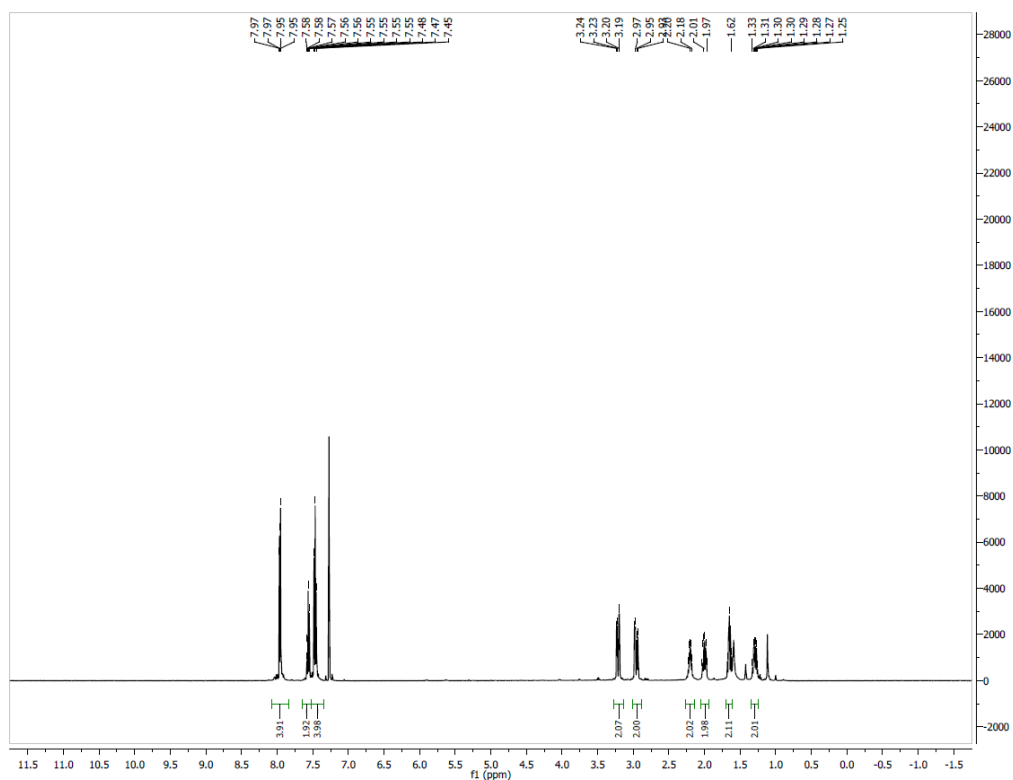
(1*R*,5*S*,6*R*,7*S*)-6,7-Dibenzoylbicyclo[3.2.0]heptane (10a) - ¹H NMR



(1*R*,5*S*,6*R*,7*S*)-6,7-Dibenzoylbicyclo[3.2.0]heptane (10a) - ¹³C NMR



2,2'-((1S,2S)-Cyclopentane-1,2-diyl)bis(1-phenylethanone) (10b) - ^1H NMR



2,2'-((1S,2S)-Cyclopentane-1,2-diyl)bis(1-phenylethanone) (10b) - ^{13}C NMR

