Supplementary Information for:

*Facile Synthesis of the Novel Isoquinuclidinone, 2-azabicyclo[2.2.2]octa-3,5-dione, via a Nitrile Diels-Alder Reaction.*

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Table of Contents:

I. Proton NMR spectrum of 6……………………………………...page S2

II. Carbon NMR spectrum of 6……………………………………...page S3

III. COSY NMR spectrum of 6……………………………………...page S4

IV. General Experimental Information……………………………...page S5
**General Methods:** All reactions were carried out under dry argon atmosphere in oven-dried or flame-dried round bottom flasks. Et$_2$O was distilled from sodium benzophenone ketyl, and CH$_2$Cl$_2$ was distilled from CaH$_2$. Acetone was treated with 4 Å molecular sieves prior to distillation. Proton and carbon NMR spectra were obtained on a 300 MHz spectrometer as solutions in CDCl$_3$. Proton and carbon NMR chemical shifts are reported in ppm downfield from TMS. Mass spectra were obtained from a double-focusing mass spectrometer using EI at 70 EV.