Supplementary Material for:

Electrocyclic Ring-opening of 6,6-Dichlorobicyclo[3.1.0]hexanes and Trapping of the Resulting π-Allyl Cations by C-1 Tethered Hydroxyamine Derivatives: Formation of 2-Oxa-1-azaspiro[4.5]decan-3-ones

Jiri Mikusek, Jas S. Ward and Martin G. Banwell*

Research School of Chemistry, Institute of Advanced Studies, The Australian National University, Canberra, ACT 2601, Australia

*Email: Martin.Banwell@anu.edu.au

CONTENTS

ORTEPs Derived from the Single-Crystal X-ray Analyses of Compounds 3b-d S2

1H and 13C NMR Spectra of Compounds 1a-c, 3b-d and 10. S5
Figure S1: Structure of compound 3b (CCDC 1885836) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.
Figure S2: Structure of compound 3e (CCDC 1885837) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.
Figure S3: Structure of compound 3d (CCDC 1885838) with labelling of selected atoms. Anisotropic displacement ellipsoids show 30% probability levels. Hydrogen atoms are drawn as circles with small radii.
400 MHz $^1$H NMR Spectrum of Compound 1a (recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 1a (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 1b (recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 1b (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 1c (recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 1c (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 3b (recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 3b (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 3c (recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 3c (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 3d (recorded in CDCl$_3$)
100 MHz $^{13}$C NMR Spectrum of Compound 3d (recorded in CDCl$_3$)
400 MHz $^1$H NMR Spectrum of Compound 10 (recorded in CDCl$_3$)
100 MHz $^1^3$C NMR Spectrum of Compound 10 (recorded in CDCl$_3$)