Supporting Information for

Direct Detection of Wiberg's Silene (1,1-Dimethyl-2,2-bis(trimethylsilyl)silene) and Absolute Rate Constants for its Reactions in Solution

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Figure 1. 500 MHz $^1$H NMR spectra in CDCl$_3$ of two different mixtures of 7$_{Me}$ and 11$_{Me}$-13$_{Me}$, isolated by semi-preparative GC from the photolysis of 6a in deoxygenated hexane containing MeOH to ca. 90% conversion.

Figure 2. GC/MS trace of the product mixtures from photolysis of 6a in deoxygenated cyclohexane-$d_{12}$ containing (a) MeOH and (b) t-BuOH to ca. 90% conversion.

Figure 3. Mass spectra of 7$_{Me}$ and 11$_{Me}$-13$_{Me}$, recorded using the product mixture of Figure 2a.

Figure 4. 500 MHz $^1$H NMR spectrum of the crude mixture from photolysis of 6a (0.024 M) in cyclohexane-$d_{12}$ containing 0.15 M t-BuOH, to 90% conversion of 6a.
Figure 1
File: D:\RACHEL\TM6TBUOH.D
Operator: tracy
Acquired: 23 Aug 101 2:01 pm using AcqMethod TRACEYFU
Instrument: 5971 - In
Sample Name: t-buch adducts
Misc Info: after 95% conversion of diazomethane
Vial Number: 1