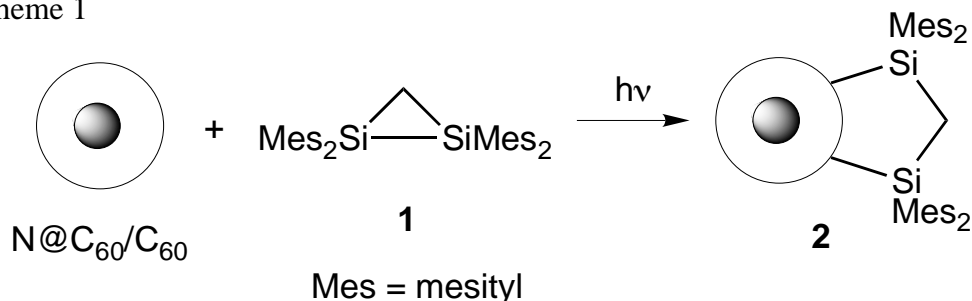


Electronic Supplementary Information (ESI)

Scheme 1



The photo-irradiation of a toluene solution of 1,1,2,2-tetramesityl-1,2-disilirane **1** (1.8 mg, 1.4×10^{-3} M) and N@C₆₀/C₆₀ (2.3 mg, 1.4×10^{-3} M) gave a mixture of 1,1,3,3-tetramesityl-1,3-disilolane **2** and unreacted N@C₆₀/C₆₀ (Scheme 1).

The reaction mixture was injected into a Gel 1H + 2H column, and **2** (63%) and unreacted N@C₆₀/C₆₀ (32%) were recovered.

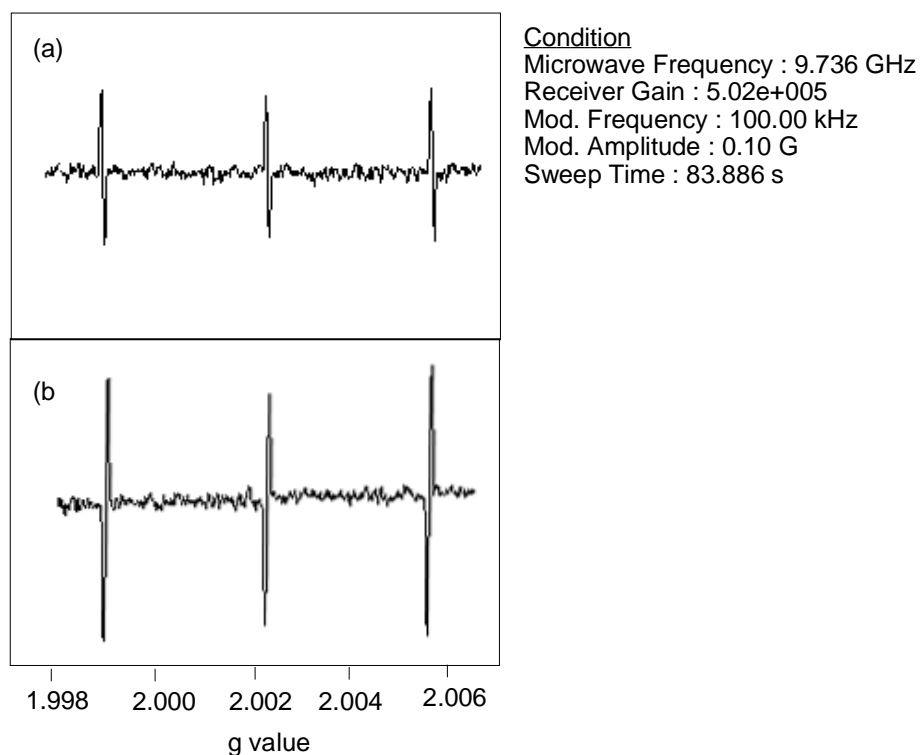


Fig. ESR spectra of (a) starting N@C₆₀/C₆₀ and (b) recovered N@C₆₀/C₆₀ (1st).

Table Experimental results

entry	yield of 2	yield of recovered N@C ₆₀ /C ₆₀	concentration ratio*	relative reactivity
1st	63 %	32 %	1:1.6	0.72
2nd	60 %	12 %	1:4.0	0.59
3rd	50 %	30 %	1:1.5	0.78

* The ratio of N@C₆₀ and C₆₀ in the starting and recovered N@C₆₀/C₆₀.