

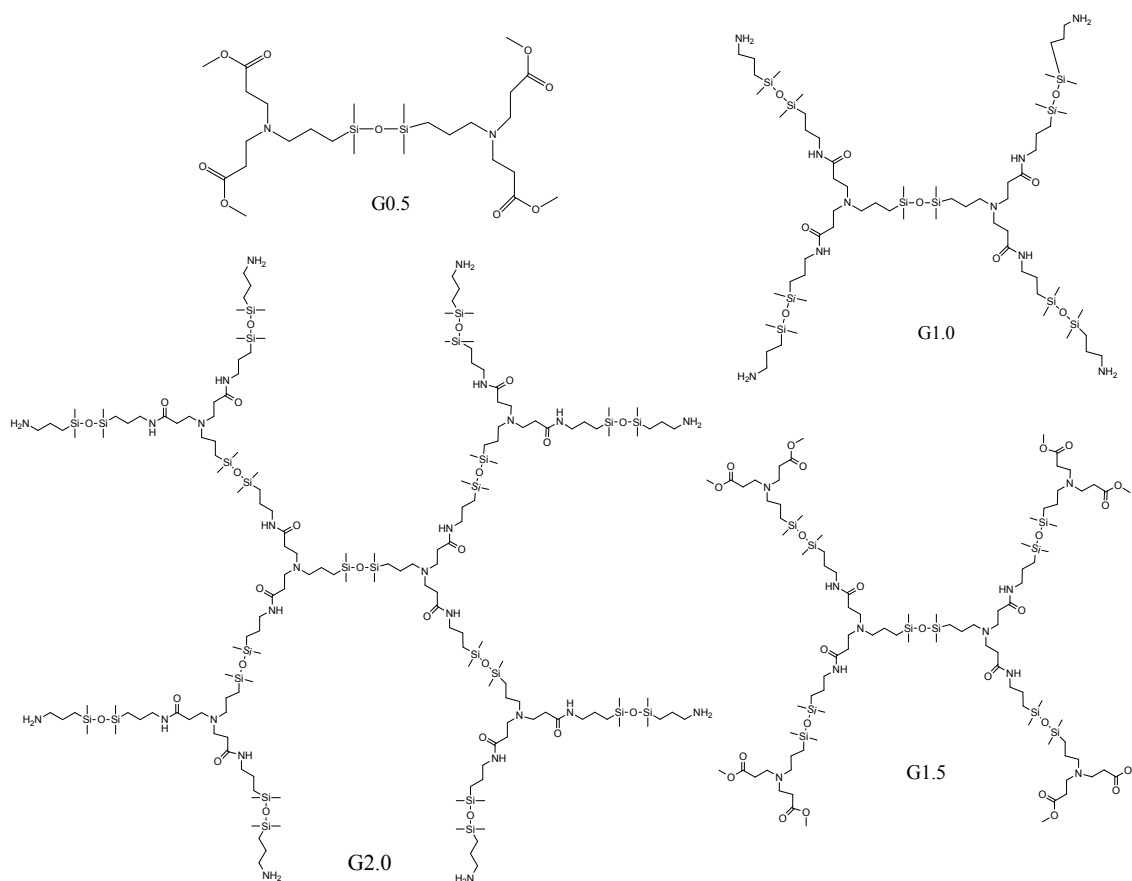
SUPPORTING INFORMATION

Controllable Photophysical Properties and Self-Assembly of Siloxane–Poly(Amidoamine) Dendrimers

Hang Lu, and Shengyu Feng*

Key Laboratory of Special Functional Aggregated Materials & Key Laboratory of Colloid and
Interface Chemistry (Shandong University), Ministry of Education; School of Chemistry and
Chemical Engineering, Shandong University, Jinan 250100, P. R. China

Scheme S1. Structures of Si-PAMAM



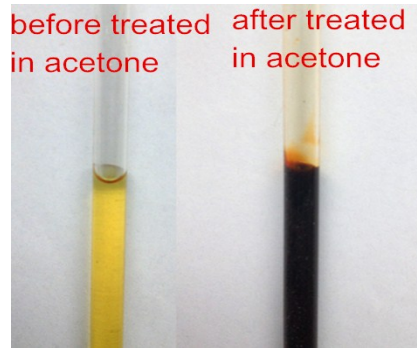


Figure S1. The photos of G2.0 before and after treated in acetone

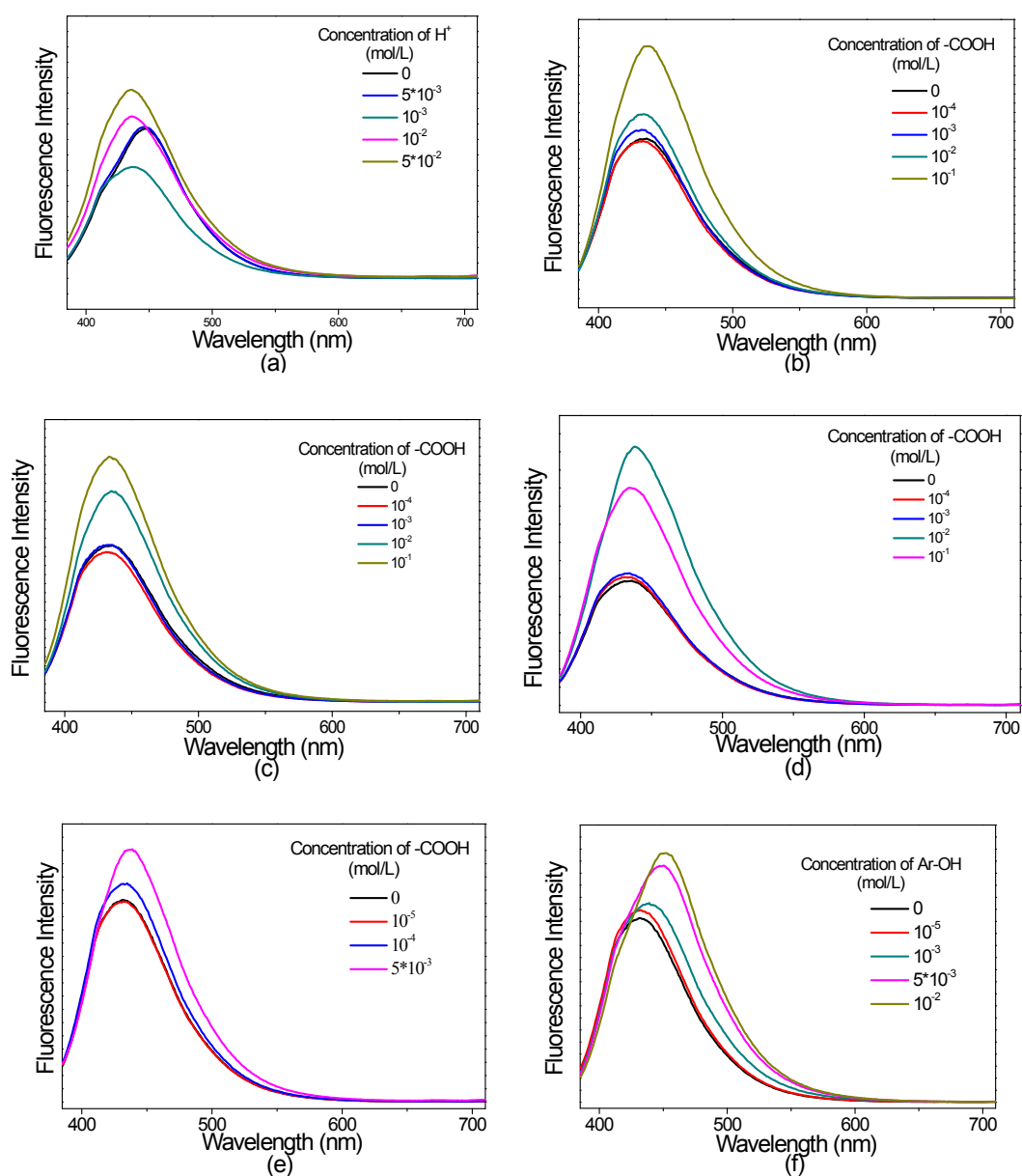


Figure S2. Fluorescence spectra of Si-PAMAM dendrimers (G2) solution with acids: (a) phosphoric acid, (b) HAc, (c) oxalic acid, (d) citric acid, (e) 1,2,4,5-benzenetetracarboxylic acid, (f) phloroglucinol.

Table S1. The quantum yield of Si-PAMAM(G2.0) in different solvents

Solvent	Methanol	Acetone	THF	Toluene	CCl₄
Quantum Yield	0.197	0.098	0.097	0.061	0.037