

### Fractionation of Rare-Earth Metallofullerenes via Reversible Uptake and Release from Reactive Silica

Steven Stevenson,\* Khristina A. Rottinger, and Jessica S. Field

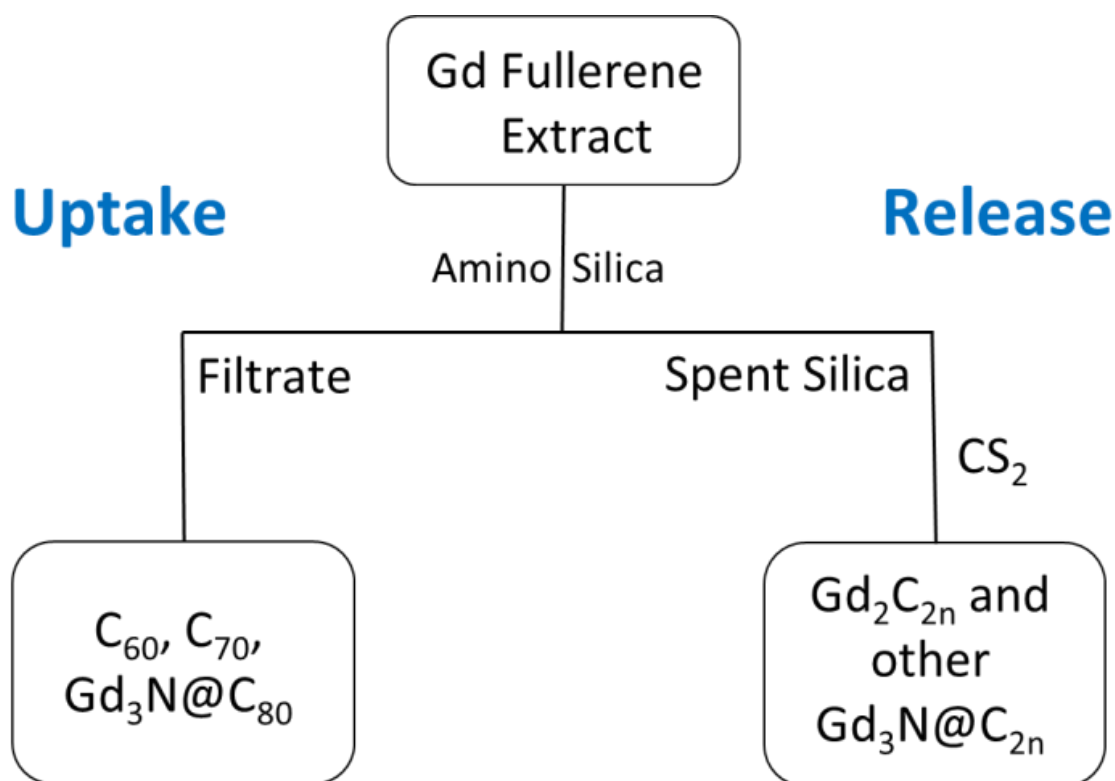


Figure SI-1. Overview of the separation strategy for isolating a sample containing Gd<sub>3</sub>N@C<sub>80</sub> as the only metallofullerene present in a mixture with C<sub>60</sub> and C<sub>70</sub> (filtrate). The method for enriched fractions of Gd<sub>2</sub>C<sub>2n</sub> and Gd<sub>3</sub>N@C<sub>2n</sub> higher metallofullerenes uses CS<sub>2</sub> release chemistry.