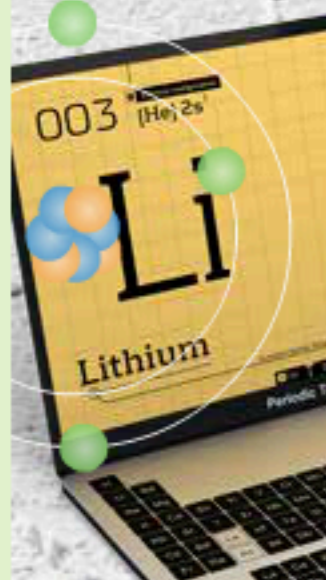


will be given to outstanding achievements in the field of Lithium Chemistry.



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C₆₀ Inclusion Complex with Organosilylated γ -Cyclodextrin



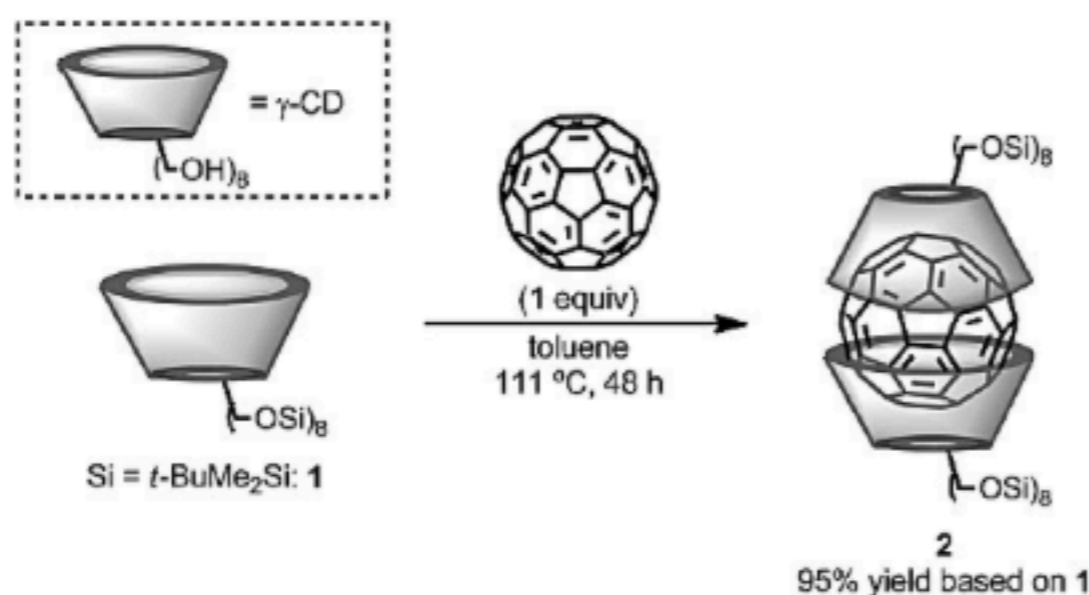
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Satoshi Minakata and colleagues, Osaka University, Japan, prepared, isolated, and characterized an inclusion complex of [60]fullerene and organosilylated γ -cyclodextrin.



The complex is highly soluble in nonpolar and weakly polar organic solvents, such as CHCl₃ or cyclohexane. It allows to separate C₆₀ from C₇₀, selective chemical functionalization of C₆₀, and solution-processed fabrication of a thin film of the complex.

Further research on the use and application of the complex is ongoing.

- An Inclusion Complex of C₆₀ with Organosilylated γ -Cyclodextrin: Drastic Enhancement of Apparent Solubility of C₆₀ in Nonpolar and Weakly Polar Organic Solvents, Youhei Takeda, Toshiki Nagamachi, Katsuaki Nishikori, Satoshi Minakata, *Asian J. Org. Chem.* 2013. DOI: 10.1002/ajoc.201200160

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