

**Complexation of Endohedral Metallofullerenes with
Macrocyclic Compounds**

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The supramolecular chemistry of empty fullerenes has been investigated as carbon materials. There are many reports about complexation of fullerenes with calixarenes, crown ethers, other macrocyclic compounds, and so forth.¹ Meanwhile, endohedral metallofullerenes are of interest in novel electronic properties and reactivities, which are different from those of empty fullerenes.²

We report the complexation between endohedral metallofullerenes and macrocyclic compounds, and the selective separation of endohedral metallofullerenes from extract of carbon soot by use of the complexation of endohedral metallofullerenes and macrocyclic compounds.

References

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