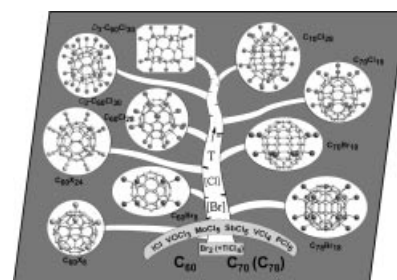


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COVER PICTURE

The cover picture shows a variety of fullerene bromides and chlorides synthesized and structurally investigated in the last few years. A rich “harvest” of fullerene chlorides of C_{60} and C_{70} has been “collected” by using inorganic chlorides and oxychlorides for the chlorination of fullerenes. Even a fullerene chloride with a drum-shaped carbon cage, $D_3-C_{60}Cl_{30}$, could be obtained. The maximum degree of chlorination of both C_{60} (left) and C_{70} (right) is much higher than that of bromination. More about the synthesis and molecular structures of fullerene bromides and chlorides can be found in the Microreview by S. I. Troyanov and E. Kemnitz on p. 4951 ff.



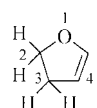
MICROREVIEW

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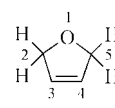
4929 T. G. Kilroy, T. P. O’Sullivan, P. J. Guiry*

Synthesis of Dihydrofurans Substituted in the 2-Position

Keywords: Dihydrofurans / Heterocycles / Natural products / Synthesis / Heck reaction



2,3-dihydrofuran
1



2,5-dihydrofuran
2