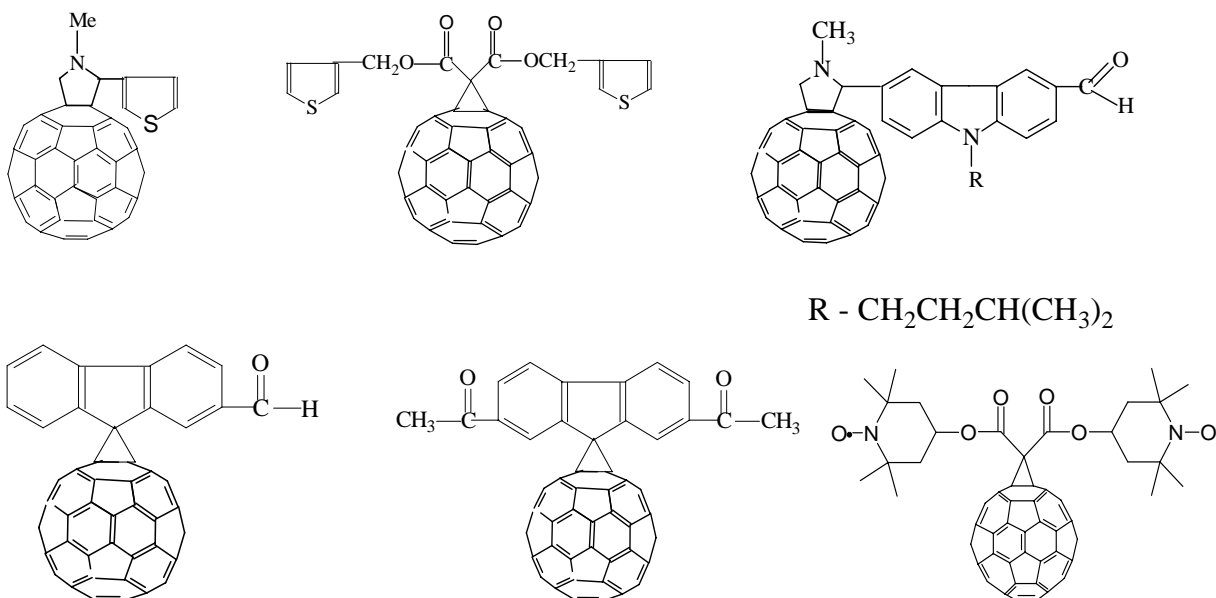


New methanofullerenes and pyrrolidinofullerenes of C₆₀ and C₇₀. Synthesis and properties.

I.A. Nuretdinov, V.P. Gubskaya

A.E.Arbusov Institute of Organic and Physical Chemistry of KazSC RAS ,420088, Arbusov str.8, Kazan, Russia e-mail in@iopc.knc.ru

The multifunctional fullerene derivatives are perspective for obtain of new materials for study of optophysical properties and nanodevice. We obtained for the first time the new methanofullerenes containing 3-thiophene groups, various number carbazoly, fluorenyl and nitroxyde groups on fullerene core and investigated their some properties[1-3].



The structures of these compounds were confirmed by spectroscopic methods (NMR, UV-vis, and X-ray data).

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