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Synthesis of new monofunctional organosilicon molecules – Prospective efficient stoppers for the design of new siloxane polymers of unusual architecture

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Graphical abstract

New previously unknown bulk polyfunctional organosilanes with rigid molecular structure have been synthesized. The molecular structures of compounds **3** and **4** were defined by X-ray data. The possibility of use of prepared compound **3** as blocking agent for preparation of polyrotaxanes was demonstrated on model reaction.

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