

## Using Maldi-TOF spectrometry to investigate the structure of silsesquioxanes based on silicon-organic derivative of *p*-*tert*-butyl thiacalix[4]arene

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### Abstract

Products of poly- and oligocondensation of *p*-*tert*-butyl thiacalix[4]arene silicon-organic derivative in the *1,3*-*alternate* conformation were studied via Maldi-TOF method. An approach which allows the characterization of molecular ion masses of formed products and as well as the description of the oligomer derivatives of oligocondensation of silicon-organic macrocyclic derivatives by hypothetic structures has been developed.