

**Thematic course:** Amorphous silica opal-cristobalite rocks as renewable raw material  
for the synthesis of organosilicon compounds and silicates. Part 1.

## **Chlorine-free methods for the synthesis of organosilicon compounds. Vinylsilanes.**

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### **Abstract**

Basing on amorphous silica of the opal-cristobalite rocks it is possible to synthesize a great number of various organosilicon compounds, which can be regarded as one of the areas of green chemistry, allowing to introduce into the industry chlorine-free method for the synthesis of target products. This article discusses one of the options – the synthesis of organosilicon compounds based on tetravinylsilanes.