

**Название публикации:**

A new "bicycle helmet"-like copper(II), sodiumphenylsilsesquioxane. Synthesis, structure and catalytic activity

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**Аннотация:**

A new bicycle helmet-like copper(II), sodiumphenylsilsesquioxane  $\text{Ph}_{12}\text{Si}_{12}\text{O}_{12}(\text{OH})(\text{O})_{11}\text{Cu}_5\text{Na}(\text{bipy})(3)(\text{H}_2\text{O})$  exhibited high catalytic efficiency in two homogeneous reactions: (i) functionalization of C-H compounds; (ii) formation of benzamides from alcohols.

**Ключевые слова:**

Silsesquioxane chemistry; model systems; silica; cage; complexes; metallasilsesquioxanes; nuclearity; reactivity